

Milwaukee®

A SUBSIDIARY OF
Amstar
CORPORATION



CATALOG 688
**MILWAUKEE HEAVY-DUTY
ELECTRIC TOOLS**
FOR CONTRACTORS AND INDUSTRY

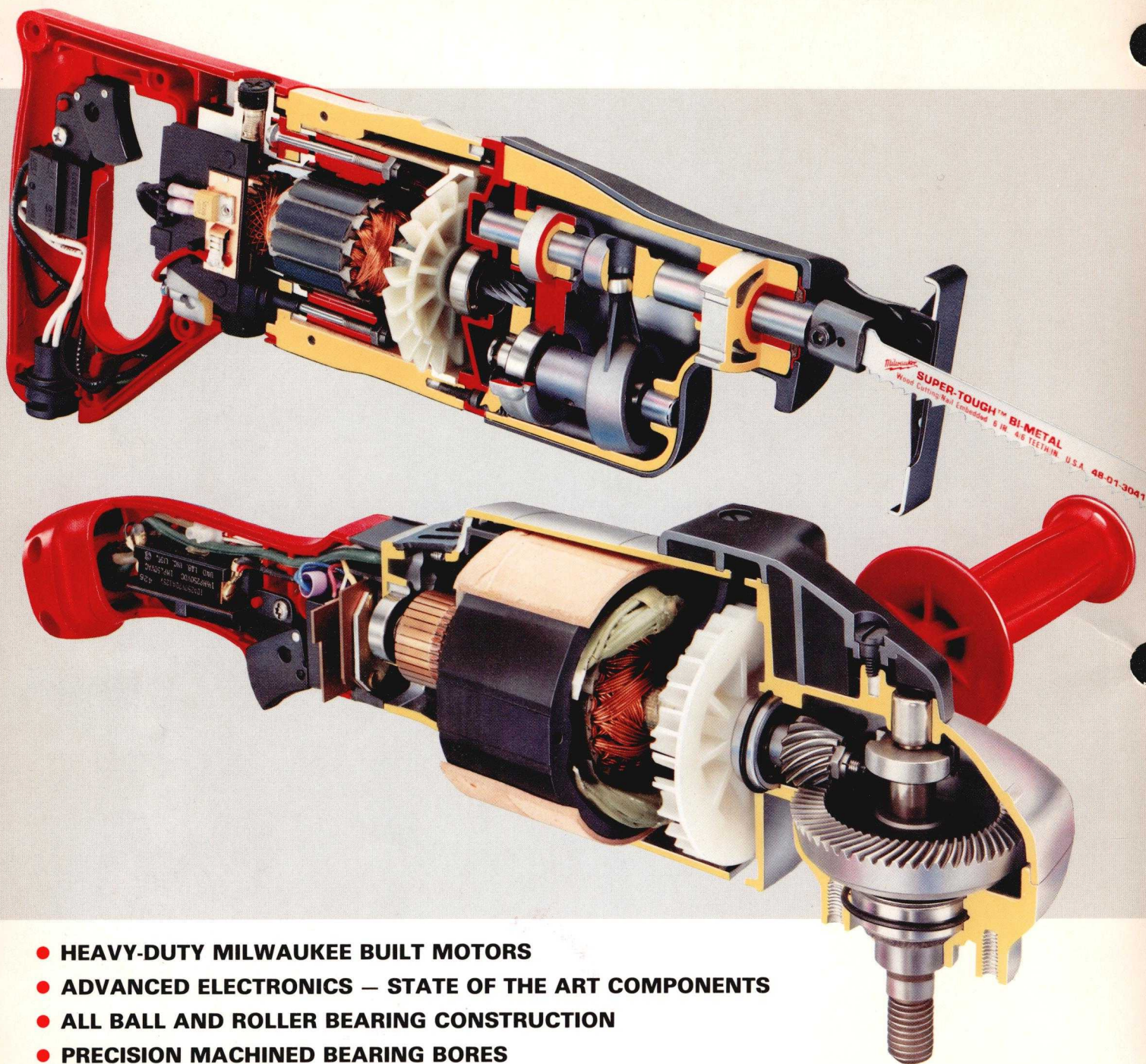
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HEAVY-DUTY

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QUALITY ABOVE ALL

DEDICATED TO THE NEEDS OF THE PROFESSIONAL



- HEAVY-DUTY MILWAUKEE BUILT MOTORS
- ADVANCED ELECTRONICS — STATE OF THE ART COMPONENTS
- ALL BALL AND ROLLER BEARING CONSTRUCTION
- PRECISION MACHINED BEARING BORES
- ALLOY STEEL GEARS AND SHAFTS GROUND AND HARDENED FOR OPTIMUM LIFE

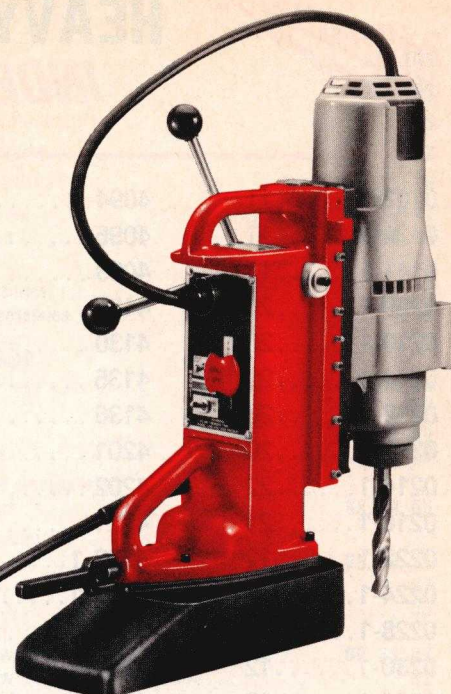
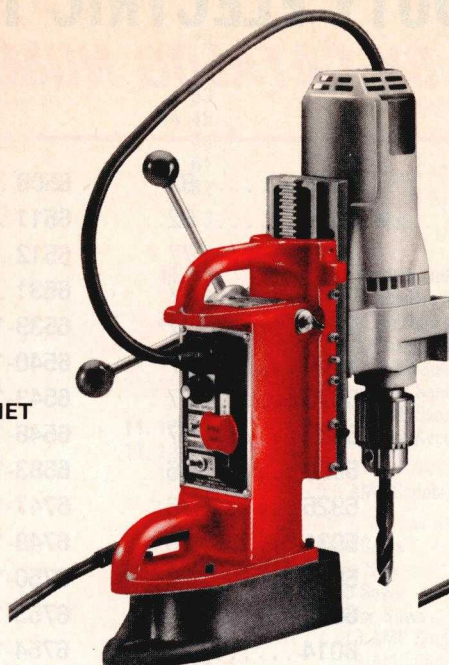
- HEAVY-DUTY DIE CAST ALUMINUM GEAR CASES
- HIGH IMPACT RESISTANT NON-CONDUCTIVE HANDLES
- DYNAMICALLY BALANCED ARMATURES WITH HIGH EFFICIENCY FANS FOR MAXIMUM COOLING
- BACKED BY THOROUGH INSPECTION, WARRANTY AND FACTORY TRAINED SERVICE PROFESSIONALS

Milwaukee
A SUBSIDIARY OF
Amstar
CORPORATION

MILWAUKEE ELECTRIC TOOL CORP. 13135 W. LISBON RD. BROOKFIELD, WI 53005
PHONE: (414) 781-3600 TELEX NO. 910-262-3043 METCO BKFD FAX NO. 414-781-3611
MILWAUKEE ELECTRIC TOOL (CANADA) LTD. 755 PROGRESS AVE.
SCARBOROUGH, ONTARIO M1H 2W7 PHONE: (416) 439-4181 FAX NO. 416-439-6210



PAGE 42
STEEL HAWG™ PERMANENT MAGNET
METAL BORING SYSTEM
No Electricity Needed To
Maintain Holding Power



PAGES 40, 41
ELECTROMAGNETIC DRILL PRESSES
SMALL BASE STAND AND MOTOR
LARGE ADJUSTABLE BASE STAND AND MOTOR



PAGE 76
4" BELT
SANDERS
Superior Tracking
AVAILABLE WITH
OR WITHOUT BUILT IN
DUST COLLECTION VACUUM SYSTEM

NEW
Milwaukee®

HEAVY-DUTY
TOOLS AND
ACCESSORIES



PAGE 13
1/2" CAPACITY
CLOSE QUARTER
DRILL 0-750 RPM
REVERSING



PAGES 95, 98
SPECIAL SCREW-SHOOTERS
FOR MACHINE AND SHEET METAL
SCREWS AND NUTS.
FOR DRIVING SELF-DRILLING,
SELF-TAPPING TEKS® FASTENERS



PAGE 22
CORDLESS SCREWDRIVER
2 SPEED REVERSING
6 POSITION ADJUSTABLE
CLUTCH 3.5 TO
22 IN./LBS.



PAGE 83
4-1/2" AND 5" SANDER/
GRINDERS WITH 5/8"-11
SPINDLE SIZE.
4-1/2" SANDER/GRINDER
KIT INCLUDES BRUSH,
GRINDING WHEEL,
SANDING DISC.
ACCESSORIES, CARRYING
CASE



PAGES 25, 26
4/6 SUPER-TOUGH™
BI-METAL HOLE SAWS
AVAILABLE IN SINGLE
UNITS OR 3 SIZE KITS



PAGE 21 **HIGH TORQUE**
CORDLESS DRIVER/DRILL
KIT INCLUDES BATTERY
PACK, CHARGER, BIT SET,
CARRYING CASE



HEAVY-DUTY ELECTRIC TOOLS

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NOTE

FOR YOUR CONVENIENCE, A QUICK REFERENCE LIST OF MILWAUKEE REPLACEMENT PARTS IS AVAILABLE FOR ALL TOOLS SHOWN IN THIS CATALOG: See your local MILWAUKEE DISTRIBUTOR or MILWAUKEE SERVICE CENTER.

Milwaukee



MILWAUKEE ELECTRIC TOOL CORPORATION

CORPORATE OFFICE:

13135 W. LISBON RD.
BROOKFIELD, WI 53005
PHONE: (414) 781-3600

TELEX NO. 910-262-3043 METCO BKFD

FAX NO. 414-781-3611

MANUFACTURING FACILITIES:

BROOKFIELD, WISCONSIN
JACKSON, MISSISSIPPI
BLYTHEVILLE, ARKANSAS

CANADIAN SUBSIDIARY:
SCARBOROUGH, ONTARIO

DISTRIBUTION CENTER:

MILWAUKEE DISTRIBUTION CENTER, INC.
OLIVE BRANCH, MISSISSIPPI

WARRANTY: Every MILWAUKEE tool is thoroughly inspected and tested before leaving our manufacturing facilities. Should any trouble develop, return the complete tool prepaid to our Corporate Office, Branch Office/Service Center or nearest Authorized MILWAUKEE Service Station. If inspection shows the trouble is caused by defective workmanship or material, all repairs will be made without charge and the tool will be returned, transportation prepaid.

This warranty does not apply where: (1) repairs or attempted repairs have been made by persons other than MILWAUKEE personnel or Authorized Service Station personnel; (2) repairs are required because of normal wear; (3) the tool has been abused or involved in an accident; (4) misuse is evident, such as caused by overloading the tool beyond its rated capacity; (5) the tool has been used after partial failure or (6) the tool has been used with an improper accessory. No other warranty written or verbal, is authorized.

WARRANTY/SERVICE: For service/warranty on "Portable Electric Tools" use the nearest MILWAUKEE Branch Office/Service Center or Authorized MILWAUKEE "Portable Electric Tools" Service Station listed.

For service/warranty on "Professional Lifting Tools" (Hoists/Trolleys) use the MILWAUKEE Branch Office/Service Center or nearest Authorized MILWAUKEE "Professional Lifting Tools (Hoist)" Service Station listed.

This nationwide network of MILWAUKEE Branch Office/Service Centers and independent Authorized Service Stations located throughout the United States and Canada has been established to assure prompt, efficient service. They are staffed with factory trained personnel and an adequate inventory of replacement parts. Should the need arise, they are your source for MILWAUKEE service or warranty repair.

MILWAUKEE BRANCH OFFICES/SERVICE CENTERS

ARIZONA

PHOENIX 85004
405 E. Watkins St.
(602) 256-7210
FAX NO. 602-495-9563

CALIFORNIA

ANAHEIM 92801
1130 N. Magnolia St.
(714) 827-3970
(213) 624-7615
(213) 860-0349
FAX NO. 714-220-0817

S. SAN FRANCISCO 94080
179 Utah Ave.
(415) 583-8484
S.F.: (415) 761-2851
FAX NO. 415-583-7330

COLORADO

DENVER 80219
2650 W. Second Ave.
(303) 922-1163
FAX NO. 303-922-0013

FLORIDA

MIAMI 33122
8101 N.W. 33rd St.
(305) 592-0442
FAX NO. 305-592-6872

GEORGIA

(Atlanta)
CHAMBLEE 30341
2381 John Glenn Dr.
(404) 455-7300
FAX NO. 404-454-7493

ILLINOIS

(Chicago)
NILES 60648
5629 Howard St.
Chicago: (312) 539-9173
Niles: (312) 647-8407
FAX NO. 312-647-6694

LOUISIANA

(New Orleans)
HARAHAN 70123
5610 Jefferson Hwy.
(504) 733-8543
FAX NO. 504-734-1027

MASSACHUSETTS

(Boston)
NEWTON 02158
143 California St.
(617) 244-4483
FAX NO. 617-964-3316

MICHIGAN

(Detroit)
AUBURN HILLS 48057
1120 Doris Rd.
(313) 373-3800
FAX NO. 313-373-3565

MINNESOTA

(Minneapolis)
BLOOMINGTON 55435
4350 W. 78th St.
(612) 835-4910
FAX NO. 612-835-0317

MISSOURI

KANSAS CITY 64120
1506 N. Topping
(816) 241-7300
FAX NO. 816-483-9454

NEW YORK

(New York)
WOODSIDE 11377
27-07 Brooklyn-Queens
Expressway West
N.Y.: (718) 721-5151
N.J.: (201) 622-7752
FAX NO. 718-278-8790

OHIO

(Cincinnati)
SHARONVILLE 45241
11909 Tramway Dr.
(513) 733-3334
FAX NO. 513-733-3470

CLEVELAND

44125
7600 Wall St.
(216) 524-8040
FAX NO. 216-524-7222

PENNSYLVANIA

(Philadelphia)
BROOMALL 19008
388 Reed Rd.
(215) 544-5544
FAX NO. 215-543-5064

TEXAS

DALLAS 75247
400 W. Mockingbird Lane
(214) 637-4820
FAX NO. 214-631-4521

HOUSTON

77007
4801 Katy Freeway
(713) 861-4671
FAX NO. 713-861-6330

WASHINGTON

SEATTLE 98108
5419 Maynard Ave., S.
(206) 762-8430
FAX NO. 206-762-9153

WISCONSIN

(Milwaukee)
BROOKFIELD 53005
4057 N. 128th St.
(414) 781-0951
FAX NO. 414-781-8651

MILWAUKEE AUTHORIZED PORTABLE ELECTRIC TOOL SERVICE STATIONS—U.S.A.

ALABAMA

BIRMINGHAM 35233 Power Tool Service, Inc., 1113 Fourth Ave., S.
HUNTSVILLE 35810 Tool Service, 4214 Oakwood Ave.
MOBILE 36606 Smith Power Tool Co., Inc., 2503 Commercial Park Dr.

ALASKA

ANCHORAGE 99503 Alaska Tool & Equipment Service, 3207 Arctic Blvd.
FAIRBANKS 99706 Fairbanks Aero Services, Phillips Field
JUNEAU 99806 AC/DC Electrical Equip. Repair Inc., 10006 Crazy Horse Dr.

ARIZONA

PHOENIX 85009 Glendale Industrial Supply, 2224 N. 23rd Ave.
PHOENIX 85014 Glenns Tool Service, 4036 N. 13th Way
TUCSON 85719 Electric Motor Co., 1028 E. Broadway
TUCSON 85719 Western Tool Inc., 1665 E. 18th St., Suite 118

ARKANSAS

HOT SPRINGS 71901 Arkansas Tool Service, Inc., 711 Belding
LITTLE ROCK 72209 Air Power, Inc., 7123 I-30, Suite 41
SPRINGDALE 72764 Tri-Bar Tool & Supply Inc., 800 W. Sunset

CALIFORNIA

APPLE VALLEY 92307 Standard Elec. Works, 22000 Hwy. 18, P.O. Box 11343
BAKERSFIELD 93308 Electropower Inc., 3736 Gilmore Ave.
CAMPBELL 95008 Railway Distributing, 264 Railway Ave.
CONCORD 94520 Electric Euro Service, 1913 Salvio St.
CUCAMONGA 91730 IPM Inc., 10050 6th St. #A
CULVER CITY 90230 Westwood Power Tool Co., 4824 S. Sepulveda Blvd.
EUREKA 95501 Senn Electric, 1801 Fairfield St.
FRESNO 93721 Kimmerle Bros. Inc., 337 M St.
LOS ANGELES 90015 Rodman & Co., 965 W. Venice Blvd.
MODESTO 95351 Stanislaus Electric Motor Works, 504 River Road
NORTH HOLLYWOOD 91605 Bucknall Power Tool Service, 11910 Vose St.
OXNARD 93030 Electric Motor Service, 200 E. 5th St.
PALM SPRINGS 92264 Lanco Tool & Hardware Inc., 4729 E. Sunny Dunes Rd.
SACRAMENTO 95819 Industrial Electric, 6325 Elvas Ave.
SAN DIEGO 92110 Best Impact Inc., 9208 Buenos Ave.
SAN FRANCISCO 94103 Kimmerle Bros. Inc., 226 11th St.
SAN JACINTO 92383 Hemet Valley Tool, 1301 S. State St.
SAN LUISE OBISPO 93401 Mackey's Saw & Tool, 3440 Sacramento Dr.
SAN MARCOS 92069 Best Impact Inc., 1440 Grand Ave., Suite C
SANTA CLARA 95050 General Electric Tool Repairs, 364 Martin Ave.
SANTA FE SPRINGS 90670 Kimmerle Bros. Inc., 12060 Florence Ave.

SANTA MARIA 93434 Lahr Electric Motors, Inc., 119 Mill
SANTA ROSA 95401 Acme Electric Tool Repair, 742 Wilson St.
SIMI VALLEY 93065 Simi Tools & Repairs, 1226 E. Los Angeles Ave.

COLORADO

AVON 81620 Tool Clinic, 41000 Hwy. 6, Bldg. 3, Unit 3
BOULDER 80301 Rental City Inc., 3050 Walnut St.
COLORADO SPRINGS 80905 Central Colorado Tool Serv., 525 W. Colorado Ave.
FORT COLLINS 80522 Construction Rental & Sales, 219 N. Summit View Dr.
FORT COLLINS 80524 A-Z Power Equipment Center, 1540 Riverside Dr.
GRAND JUNCTION 81501 Cross Electric Tool Service, 1801 I-70 Business Loop
MONTROSE 81401 Berquist Electric, 26 S. Stough

CONNECTICUT

BERLIN 06037 Portable Power Tool Repair, Inc., 873 Farmington Ave.
EAST HARTFORD 06108 Heldmann Tool Supply, Inc., 75 Charles St.

FLORIDA

DAYTONA BEACH 32014 C & C Sales & Repair, 863 Mason Ave.
FORT LAUDERDALE 33334 Broward Tool Repair, 3547 N. Dixie Hwy.
HOLLYWOOD 33023 National Tool Supply, 5725 W. Hallandale Beach Blvd.
JACKSONVILLE 32209 Duval Equipment Co., 2136 W. Beaver St.
JACKSONVILLE 32220 A-Jax Tool Repair, 2292 Edison Ave.
LAKELAND 33802 Interstate Scaffold & Equip., 1316 George Jenkins Blvd.
LAKE PARK 33403 Action Bolt & Tool Co., 212 Newman Rd.
LAKE WORTH 33461 Allied Tool Repair Inc., 1130 N. G Street
LARGO 33540 Jim & Slim's Tool Supply Inc., 13065 S. Belcher Rd.
MIAMI 33150 Skyproducts, 10035 N.W. 7th Ave.
NORTH FORT MYERS 33903 Preshers Servicenter, 1349 Pondella Road
OAKLAND PARK 33334 I.M.A. Tool Distributor, 211 E. Oakland Park Blvd.
OCALA 32671 A-Jax Tool Repair, 1841 S.W. 7th Ave.
ORLANDO 32806 Florida Electric Motor Service, 1128 Atlanta Ave.
PENSACOLA 32501 M & W Electric Motor Service, 1250 Barrancas Ave.
TALLAHASSEE 32304 Contractor & Inds. Tool & Sply., 3958 W. Pensacola St.
TAMPA 33603 Gator Repair, 5128 Nebraska Ave.
TAMPA 33604 Electrical Repairs Inc., 7802 N. Florida Ave.
TAMPA 33609 Mylee Tool Supply, Inc. 2905 W. Kennedy Blvd.
VERO BEACH 32960 Atco Tool Supply, Inc., 1785 Old Dixie Hwy.
WEST PALM BEACH 33450 Power Tool Inc. 5101 Georgia Ave.

GEORGIA

ALBANY 31701 Mid-South Tool & Equipment, Inc., Hwy. 82 West
ATLANTA 30313 Power Tool Service Co., 249 Simpson St. N.W.
AUGUSTA 30913 Electrical Equipment Co., 1441 Greene St.
COLUMBUS 31904 Rental Service Co., 1747 Warm Springs Rd.
MACON 31202 Bass Tool & Industrial Supply, 1034 Second St.

GEORGIA (Continued)

SAVANNAH 31402 Morgan's Inc., 110 Ann St., Box 308
SAVANNAH 31402 White Hardware Co., 102 W. Congress St.
VALDOSTA 31601 Miller Hardware Co., 104 S. Lee St.

HAWAII

HILO 96720 Hawaii Planing Mill Ltd., 380 Kanoehue Ave.
HONOLULU 96819 A.L. Kilgo Co. Inc., 180 Sand Island Road
HONOLULU 96819 F.K.S. Rentals & Sales, 653 Kakoi St.
HONOLULU 96819 Repair Tech Hawaii, 2865 Kaopaka St.
KAHULUI 96732 Maui Power Tool Service, 251 Lalo St.
LIHUE 96766 Toolmaster Rental & Supply, 3061 Aukele St.

IDAHO

BOISE 83704 K C Supply, 814 N. Manville
COEUR D'ALENE 83814 Coeur d'Alene Tool Repair, 4029 Government Way
IDAHO FALLS 83401 Rossiter Electric, 1501 S. Capital

ILLINOIS

BLOOMINGTON 61701 Electric Motor Repair, 1106 E. Bell St.
DECATUR 62525 Miller Industrial Supply Co., 1695 N. 21st St.
JOLIET 60432 R & A Electric Service Inc., 571 N. Chicago St.
MC COOK 60525 Recco Tool and Supply, 8805 Joliet Rd.
MOLINE 61265 Aggregate Equipment & Supply Co., 2221 Fifth Ave.
MORTON 61550 Morton Electro-Mech, Inc., 1050 W. Jefferson
SPRINGFIELD 62701 R. W. Bradley Supply Co., 403-05 N. Fourth St.

INDIANA

EVANSVILLE 47711 Plumbing & Industrial Supply, 2220 Highway 41 North
FORT WAYNE 46805 Wagner Electric of Fort Wayne, 3610 N. Clinton St.
FORT WAYNE 46825 Mill Supplies, Inc., 5105 Industrial Road at Ley Road
INDIANAPOLIS 46203 Anderson Bros. Tool Repair, 3531 Southeastern Ave.
LA PORTE 46350 Kor-It Sales, 2045 N. County Road, 150 E.

IOWA

CEDAR RAPIDS 52402 City Supply Tools & Fasteners, 931 Blairsberry Rd. N.E.
CEDAR RAPIDS 52404 Jims Appliance Service, 901 Ninth St. S.W.
DAVENPORT 52802 Five Cities Tool Service Inc., 921 S. Rolff
DES MOINES 50309 Stetson Building Products, 510 S.W. 9th St.
DES MOINES 50317 Electrical Eng. & Equip. Co., 1808 Delaware St.
DES MOINES 50317 Iowa Industrial Products Inc., 2600 Delaware
DUBUQUE 52001 Panels Unlimited Co., Rt. 2, Hwy. 20 West
SIOUX CITY 51101 Mid-City Electric Motors & Tools, 507 Iowa St.

KANSAS

DODGE CITY 67801 Dalton Brothers, Inc., 1110 S. 14th
GARDEN CITY 67846 Mid-West Electric & Motor Shop, 1620 Jones Ave.
TOPEKA 66608 R & K Supply Inc., 110 E. Gordon

KENTUCKY

LEXINGTON 40508 City Electric Motor Shop, 631 Kennedy Rd.
LOUISVILLE 40217 Tool Repair Service, 1200 Goss Ave.
PADUCAH 42001 Warden Electric Co., 604 N. 7th St.

LOUISIANA

HARAHAN 70123 Service Tool & Supply, 5480 Mounes St.
NEW ORLEANS 70153 Beerman Precision Inc., 4206 Howard Ave.
SHREVEPORT 71101 Tench Electric Motor Works Inc., 1616 Market St.

MAINE

BANGOR 04401 N.H. Bragg & Sons, 92 Perry Road
LEWISTON 04240 Motor Power Inc., 1505 Lisbon St.
PORTLAND 04101 Maine Tool & Supply, 203 Anderson St.
PRESQUE ISLE 04769 Welding Supply Co., 46 Industrial St.
WESTBROOK 04092 Coastal Tool Inc., 25 Bridge St.

MARYLAND

BALTIMORE 21224 Tool Repair Unlimited, 7984 Baltimore Rd.
COLUMBIA 21045 Pro-Service Inc., 9051 M, Red Branch Rd.
FREDERICK 21701 M & M Electric Motor Repair, 702 East St.
GAITHERSBURG 20876 Standard Supplies Inc., 17 Chestnut St., Box 550
HAGERSTOWN 21740 M/L Electric Co., 90 W. Lee St.
TAKOMA PARK 20012 Turner Electric Co., 201 Ethan Allen Ave.
TOWSON 21204 Duran Service Co., 8741 Mylander Lane

MASSACHUSETTS

ALLSTON 02134 Service Sales Corp., 442 Cambridge St.
DANVERS 01923 Danvers Hardware, 61-65 Maple St.
EVERETT 02149 Panda Electrical Service, 165 Main St.
FALL RIVER 02721 Burns Power Tools, 350 Mariano S. Bishop Blvd.
FITCHBURG 01420 Shepard & Parker Inc., 18 Lincoln St.
HOLYOKE 01040 Reliance Electric Service, 573 S. Canal St.
NORWELL 02061 J & B Power Equipment Co., 5 Grove St.
PLYMOUTH 02360 Colony Tool Supply, Nick's Rock Rd.—Plymouth Ind. Pk.
SOMERVILLE 02145 Robi Tool Sales Inc., 160 Broadway
WOBBURN 01801 Allied Tool Repair, Inc., 3 Oakland St.
WOBBURN 01888 Star Sales & Distr. Corp., 29 Commerce Way
WOBBURN 01888 Sutton Electric Tool Service, 7 Cedar Dr.

MICHIGAN

ESCANABA 49829 B & B Tool Service & Supply, 1650 17.4 Road
GRAND RAPIDS 49509 J. T. Hoeksema Tool Service, 2499 28 St. S.W.
KALAMAZOO 49001 Kalamazoo Electric Motors, 658 E. Vine
MIDLAND 48640 Mid-Michigan, 680 Poseyville Rd.

MINNESOTA

DULUTH 55806 Diamond Drilling Supply Co., 2916 W. First St.
 GRAND RAPIDS 55744 The Motor Shop, 17 County Road 63
 WILLMAR 56201 Central Contractor Supply, 605 Lakeland N.E.
 WILLMAR 56201 Northern States Supply Inc., P.O. Box 1057—Industrial Park

MISSISSIPPI

JACKSON 39204 Flannigan Electric Co., Inc., 1820 S.W. St. Ext.

MISSOURI

JOPLIN 64801 Electric Motor Supply Inc., 2301 W. 20th St.
 KANSAS CITY 64108 Heath Sales & Service Inc., 518 E. 16th St.
 ST. LOUIS 63139 P M Electric Co., Inc., 5280 Fyler Ave.
 ST. PETERS 63376 Tool Service Center, 89 Algama Court
 SPRINGFIELD 65802 Middle Earth Tool Repair Co., 1661 St. Louis St.

MONTANA

BILLINGS 59101 Teds Electric Service, 133 Moore Lane
 MISSOULA 59806 Electro Service Center, 1919 Harve

NEBRASKA

GRAND ISLAND 68802 Gifco Tools & Fasteners, 363 N. Elm St.
 LINCOLN 68501 The Tool House of Henkle & Joyce, 800 Q St.
 NORTH PLATTE 69101 Knapp Electric, 1900 E. Fourth St.
 OMAHA 68127 All Makes Tool Service, 8914 H St.
 OMAHA 68127 The Tool Hospital, 4630 S. 85 St.
 SCOTTSBLUFF 69361 Contractors Materials, Inc., 604 S. Broadway

NEVADA

CARSON CITY 89701 Bilbo Tool Co., 2601 E. 5th St.
 LAS VEGAS 89109 Tool Services Inc., 3239 Industrial Rd.
 SPARKS 89431 Industrial Electric, 340 B Kresge Lane

NEW HAMPSHIRE

NASHUA 03061 Hammar Industrial Supply, 175 Amhurst

NEW JERSEY

BRADLEY BEACH 07720 Power Tool Co., 48 Main St.
 CLIFTON 07011 The Tool Box, 119 Lakeview Ave.
 FAIRLAWN 07410 Bergen County Motor & Tool, 17 16 River Rd.
 GLOUCESTER CITY 08030 Industrial Services & Supply, 502 S. Broadway
 HIGHLAND PARK 08904 Quick Tool Repair, 225 Wood Bridge Ave.
 KENILWORTH 07033 Air & Electric Tool Service, 215 N. Eighth St.
 POMPTON PLAINS 07444 Riverdale Tool Co., Inc., 352 Route 23 N.
 TRENTON 08619 Tool Repair Inc., 61 2nd Ave.

NEW MEXICO

ALBUQUERQUE 87107 Telco Electric Inc., 2906 Fourth N.W.
 ALBUQUERQUE 87108 J-M Tool Repair Co., 320 Florida S.E.
 FARMINGTON 87401 Marquez Ind., Rental & Repair, 135A Butler Ave.
 LAS CRUCES 88001 Chuck's Power Tools, 240 N. Mesquite St.

NEW YORK

ALBANY 12206 Albany Burner Control, 20 Colvin Ave.
 BINGHAMTON 13904 Hulbert Electric Inc., 78 Travis Ave.
 BUFFALO 14207 Richter Electric Motor Repair, 2010 Niagara St.
 KINGSTON 12401 Fowler & Keith, 104 Smith Ave.
 PEEKSKILL 10566 Peekskill Electric Motor Repair, 13 Broad St.
 PORT CHESTER 10573 Pelham Tool Co. Inc., 21 Abendorth Ave.
 RIVERHEAD 17901 Riverhead Electric Tool, 523 Pulaski St.
 ROCHESTER 14608 Jackson Saw & Knife Co. Inc., 517 State St.
 ROCHESTER 14609 O. G. Schwarz Co., 430 Atlantic Ave.
 SYRACUSE 13204 Ramsing Electric Repairs, 914 Emerson Ave.
 NEW YORK 10019 T.P. Rental Services, Inc., 752 9th Ave.
 UTICA 13503 McQuade & Bannigan Inc., 1300 Stark St.
 WEST ISLIP, L.I. 11795 Sunrise Tool Service, 124 Sunrise Hwy.

NORTH CAROLINA

CHARLOTTE 28206 Portable Tool Service, 3209 Cullman Ave.
 GREENSBORO 27407 Tool & Equipment Service Co., 825 Norwalk St.
 RALEIGH 27601 Specialty Tool Service Inc., 2420 Atlantic Ave.
 WINSTON SALEM 27115 Power Tool Sales & Service, 150 Kapp St.

NORTH DAKOTA

FARGO 58102 Acme Electric Motor Inc., 3401 Interstate Blvd.
 FARGO 58102 Northern States Supply Co., 1226 38th St. N.
 GRAND FORKS 58201 Acme Electric Motor Inc., 1705 13th Ave. N.

OHIO

CINCINNATI 45210 Cincinnati Electric Repair, 2023 Elm St.
 COLUMBUS 43222 Alban Equipment Co., 1825 McKinley Ave.
 DAYTON 45403 M & R Electric Motor Service, 1516 E. Fifth St.
 NEWARK 43055 Tim Stone Power Tool, Inc., 142 Union St.
 TOLEDO 43613 Electric Tool & Equipment, Inc., 3156 Upton Ave.
 YOUNGSTOWN 44509 Power Tool & Supply Co., 3699 LeHarp Dr.
 YOUNGSTOWN 44512 Moff-Master Power Tools, 5228 Market St.

OKLAHOMA

OKLAHOMA CITY 73107 Commercial Tool Repair, 2114 West Reno
 TULSA 74104 H.L. Moss, Inc., 1714 East 15th St.

OREGON

BEND 97708 NORCO, 101 N.E. Greenwood Ave.
 EUGENE 97402 Jims Tool Service, 515 Wilson St.
 EUGENE 97402 Mercury Equipment Inc., 2060 W. Seventh Place
 KLAMATH FALLS 97601 Sixth Street Steel, 2521 S. Sixth St.
 MEDFORD 97501 Kens Saw Shop, 1838 Delta Waters Rd.
 MEDFORD 97504 Precision Power Tool Repair Inc., 3001 Crater Lake Ave.
 PORTLAND 97214 Chas. H. Day Co., Inc., 602 S.E. 11th

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 (612) 235-0555

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 (503) 882-6391
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 ERIE 16505 Knickerbocker Equipment Co., 3001 W. 17th St.
 HANOVER 17331 C & E Pneumatic Service Inc., W. Chestnut St. Ext.
 MECHANICSBURG 17055 Power Tool Service, 34 W. Allen St.
 PITTSBURGH 15233 Snyder Electric Co., 1500 Chateau St.
 READING 19605 Reading Electric Motor Service, 4029 Pottsville Pike

PUERTO RICO

RIO PIEDRAS 00929 Ramelco Inc., 65th Infantry Station

RHODE ISLAND

WARWICK 02888 Babine Electric Service, 315 Jefferson Blvd.

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CHARLESTON 29411 Charleston Supply Co., King St. Extension
 COLUMBIA 29203 Mann Electric Repair, Inc., 3600 Main St.
 GREENVILLE 29602 Service Repair Co., 15 Hyde St.
 SPARTANBURG 29301 Cash Supply Co., 113 Country Club Rd.

SOUTH DAKOTA

ABERDEEN 57401 J. B. Center, 710 Sixth Ave., S.W.
 SIOUX FALLS 57103 Electric Motor Repair, 927 E. 8th St.

TENNESSEE

CHATTANOOGA 37404 Dixie Industrial Service, Inc., 2108 E. Main St.
 JACKSON 38301 Smith Tool Service, 908 S. Highland Ave.
 JOHNSON CITY 37602 East Tennessee Rent-Alls, 3605 Bristol Hwy.
 KNOXVILLE 37914 Electric Service Co., 3914 McCalla Ave.
 MEMPHIS 38104 Southern Electric Co., 812 Porter St.
 NASHVILLE 37210 Hermitage Tool Inc., 947 Fourth Ave. S.

TEXAS

AMARILLO 79107 G. E. Jones Electric Co., 208 14 N. Polk
 AUSTIN 78745 Austin Tool, Inc., 4303 Willow Springs Rd.
 AUSTIN 78758 The Tool Box, 9904-A Gray Blvd.
 BEAUMONT 77701 Newton Rental Tool & Hardware, 530 Mariposa St.
 BRYAN 77801 Bailey Oxygen & Tool Co., 812 S. Bryan St.
 CONROE 77305 Moore Bros. Lumber Co., 940 S. Fraizer
 CORPUS CHRISTI 78405 Corpus Christi Power Tool & Repair, 3009 Agnes
 EL PASO 79925 Dorman Engineering, 1160 Airway
 FORT WORTH 76107 Fort Worth Bolt & Tool, 2822 Bledsoe St.
 FORT WORTH 76111 Modern Tool Repair, 2704 E. Belknap
 KILLEEN 76540 Bill's Repair Service, 416 East Ave. F
 LONGVIEW 75607 Sobol Welders Supply Co., 1410 F-M Rd. 1845
 LUBBOCK 79405 Lubbock Electric Co., 1108-34th St.
 MIDLAND 79701 Midland Tool Specialty, 918 South Main
 SAN ANGELO 76902 Angelo Tool Co., 914 Arroyo Dr.
 SAN ANTONIO 78205 Electric Motor Service & Sales, 1514 E. Commerce St.
 TEXARKANA 75501 Ray's Electric Motor Repair, 109 Bertha St.
 WACO 76707 Ludwig Saw & Tool Sharpening, 1701 Maple
 WESLACO 78596 Weslaco Tool Repair, 316 E. 4th St.
 WICHITA FALLS 76307 Construction Equip. & Specialty Sply., 703 E. Scott

UTAH

LOGAN 84321 Glenss Electric Motor & Supply, 501 Main St.
 SALT LAKE CITY 84104 Diamond Electric Motor, 1465 S. Second W.

VERMONT

SOUTH BURLINGTON 05403 Burlington Rent-All, 23 San Remo Dr.

VIRGINIA

HARRISONBURG 22801 G.L.S. Tool Clinic, 210 Old 33
 MANASSAS PARK 22111 Arcet Equipment Co., 8399 Euclid Ave.
 NORFOLK 23517 Bryan Electric Co., 424 W. 25th St.
 RICHMOND 23261 Staley Co., Inc., 2024 Chamberlayne Ave.
 ROANOKE 24017 Rent-Alls of Roanoke, Inc., 604 11th St. N.W.
 WINCHESTER 22601 Winchester Electric Service, 443 Millwood Ave.
 WOODBRIDGE 22191 Appliance Parts of VA, 13534 Jeff Davis Hwy.

WASHINGTON

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 BELLINGHAM 98225 Power Tool Service, Inc., 1852 N. State St.
 CLARKSTON 99403 Wade Tool Service, 644 6th St., Unit F
 KENNEWICK 99336 Tool Repair Co., 419 A W. Entiat
 SPOKANE 99202 Spokane Power Tool, E. 801 Trent
 SPOKANE 99220 Safway Supply Inc., 1507 E. Sprague
 TACOMA 98409 Center Electric Inc., 1212 S. 30th St.
 YAKIMA 98902 Cooper Electric Motor Service, 205 S. Fourth Ave.

WEST VIRGINIA

BECKLEY 25801 Air-Tech Tool Service Inc., Rt. 3, Box 9A
 CHARLESTON 25312 A-1 Rental Inc., 555 - 29th St. W.

WISCONSIN

GREEN BAY 53405 Power Tool Service Co., 310 N. Webster Ave., Box 1343
 LA CROSSE 54601 Lackore Electric Motor Repair, 520 S. Third St.
 MADISON 53713 Jet Power Tool Repair Inc., 970 Jonathon Dr.
 MILWAUKEE 53215 Power Tools & Equipment, Inc., 2934 W. Burnham St.
 RACINE 53404 Lakeshore Electric Company, Inc., 920 Wilson St.
 WAUKESHA 53186 Jensen Equipment Company, Inc., 831 Phillip Dr.

WYOMING

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 MILLS 82644 Statewide Electric Co., Inc., 226 Van Horn Ave.

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 FRESNO 93721 Kimmerle Brothers, Inc., 337 "M" St. (209) 233-1278
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 KISSIMMEE 32741 J. Herbert Corp., 1751 S. Orange Blossom Trail (305) 846-0588

GEORGIA

ALBANY 31707 Mid-South Tool & Equipment, Inc., Highway 82 West (912) 435-0084
 NORCROSS 30093 Ace Industries Inc., 6295 McDonough Dr. (404) 441-0898

ILLINOIS

FOREST PARK 60130 Sievert Elect. Service & Sales Co., 1230 S. Hannah St. (312) 771-1600

INDIANA

INDIANAPOLIS 46225 Brehob Electric Equipment Inc., 1334 S. Meridian St. (317) 632-4451

IOWA

DES MOINES 50313 A & B Electric Motor Service, 1727 Hull Ave. (515) 265-8552

KENTUCKY

LOUISVILLE 40206 Advanced Material Handling Co., Inc., 1734 Mellwood Ave. (502) 896-2166

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WEST LAKE 70669 Dixie Supply, Inc., 3301 Cities Service Highway (318) 882-6011

MARYLAND

BALTIMORE 21202 Industrial Electric Co., Inc., 707 S. Central Ave. (301) 327-1150

MICHIGAN

FRASER 48026 Continental Crane & Service Co., 33681 Groesbeck Hwy. (313) 294-7900

MINNESOTA

MINNEAPOLIS 55411 Electric Motor Repair, Inc., 2010 N. 4th St. (612) 522-3318

MISSOURI

KANSAS CITY 64108 Contractors Supply Co., 620 E. 18th St. (816) 221-7788

NEBRASKA

OMAHA 68102 Thacker Electric Co., 2209 Cuming St. (402) 341-2264

NEW JERSEY

NEWARK 07114 Lafayette Hoist & Crane, Inc., 182 Vanderpool St. (201) 824-8336

NEW YORK

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 LONG ISLAND CITY 11103 Electric Motors Corp., 24-25 46th St. (718) 721-1000
 SYRACUSE 13211 Salmon Motor Repair Service, 110 Falso Dr., P.O. Box 68 (315) 455-7924

NORTH CAROLINA

CHARLOTTE 28208 Southern Electric Service, 2225 Freedom Dr. (704) 372-4832
 GREENSBORO 27405 Carolina Jack & Equipment Co., 3310 E. Wendover Ave. (919) 375-6050

OHIO

CLEVELAND 44135 H & L Electric Co., 13224 Enterprise Ave. (216) 267-9100
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OKLAHOMA

TULSA 74112 Gaffey, Inc., 6951 E. 12th St. (918) 836-6827

OREGON

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PENNSYLVANIA

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 BROGUE 17309 Hatco International, Route 74 South (717) 246-3666
 PITTSBURGH 15215 Globe Electric Co., 200 23rd St. (412) 781-2677

RHODE ISLAND

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SOUTH DAKOTA

SIOUX FALLS 57104 Jamison Shaktad's Inc., 1400 Industrial Ave. (605) 336-3090

TENNESSEE

MEMPHIS 38108 D.M.C. Hoist & Crane, 1401-1403 N. Willett St. (901) 272-1015
 MEMPHIS 38127 Hi-Speed Electrical Co., 3013 Thomas St. (901) 357-6231
 NASHVILLE 37210 Garrison Service Co., Inc., 719 3rd Ave. S. (615) 254-1334

TEXAS

FORT WORTH 76117 Gaffey Inc., 4301 Garland Dr. (817) 281-1994
 HOUSTON 77002 Hydraulic Equipment Service, 1021 N. San Jacinto St. (713) 228-4073

UTAH

SALT LAKE CITY 84115 Agutter Eng. & Sales Corp., 320 West 1700 South (801) 486-0755

WASHINGTON

SEATTLE 98108 B & J Industrial Supply Co., 5601 First Ave. S. (206) 762-4430

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 Edmonton T6E 5W5 Bruce 'N' Company Power Tool Service Ltd., 5414-97th St. (403) 435-3921
 Edmonton T5K 1K7 Electrical Industries Ltd., 10136-111th St. (403) 426-0865
 Grand Prairie T8V 4E3 Bermar Rewind Ltd., 9609-109 St. (403) 532-0818
 Lethbridge T1J 0E3 Hagen Electric Ltd., 1202-2nd Ave. South (403) 328-8826
 Red Deer T4N 4B6 McAuley's Electric Motors Ltd., 5301-50th Ave. (403) 346-3361

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 Kelowna V1Y 2K5 Thompson Electric Motor Service Ltd., 1090 Richter St. (604) 762-3136
 Nanaimo V9R 5E5 Solar Electric Repairs (1981) Ltd., 20A Cliff St. (604) 753-1731
 Penticton V2A 3J8 A. C. Motor Electric Ltd., 259 Okanagan Ave. East (604) 493-1440
 Prince George V2N 1A9 Accurate Tool Repair, 3674-18th Ave. (604) 562-8833
 Vancouver V5Y 1G8 Armature Electric Ltd., 275 West 4th St. (604) 879-6141
 Victoria V8W 1M1 A.B.C. Electric Ltd., 831 Yates St. (604) 382-7221

MANITOBA

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 Winnipeg R3B 1K8 Western Elev. & Motor Co., Inc., 123 Princess St. (204) 943-3531

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 Fredericton E3B 3L4 Electric Motor Service (1979) Ltd., 129 Westmorland St. (506) 458-8770
 Moncton E1C 8H7 Moncton Electric Motor Service Ltd., 345 Collishaw St. (506) 382-9407
 Saint John E2L 4A5 John A. Kennedy & Co. Ltd., 38 Bayside Dr. (506) 634-8761

NOVA SCOTIA

Dartmouth B3A 1A5 Fader Agencies, 83 Shore Rd. (902) 466-2333
 Halifax B3K 1K5 Industrial Electronic Ser. & Supply Co., 5687 Charles St. (902) 423-6035

ONTARIO

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 Hamilton L8R 1L8 Dynes Electric Co., Ltd., 14 Walnut St. North (416) 528-7967
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 Kitchener N2B 2E2 R.M.W. Electric Inc., 47A Shirley Ave. (519) 744-1821

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 Ottawa K1L 5L5 Allied Fasteners & Supplies Ltd., 2617 Edinborough Pl. (613) 745-1571
 Ottawa K1S 4N1 Grant Electric Ottawa Ltd., 401 Preton St. (613) 236-9773
 Owen Sound N4K 2J6 Construction Supply & Rentals Ltd., 1635-2nd Ave. E. (519) 376-9880
 Peterborough K9J 2N3 Larry Electric Motor Service, 164 Sherbrooke St. (705) 743-3167
 Richmond Hill L4C 2Y2 C.A.F. Elec. Motor & Pump Repairs, 45-47 Industrial Rd. (416) 884-8545
 Sarnia N7T 2G6 Terry Cain Tool Repairs, 133 Campbell St. (519) 336-7000
 St. Catharines L2H 6Z4 Industrial Power Tools, 48 Scott St. (416) 682-2855
 Sudbury P3A 2T2 Northern Power Tool Centre Ltd., 747 Notre Dame Ave. (705) 566-2001
 Thunder Bay P7C 4V9 Mahon Electric Co. Ltd., 340 N. Waterloo St. (807) 623-8471
 Timmins P4N 2P5 Gils Electric Motor Repair Ltd., 395 Railway St. (705) 267-7164
 Toronto M6B 1G1 Castlefield Elec. & Saw Blade Co. Ltd., 1182 Castlefield Ave. (416) 783-1167
 Toronto M5A 3C8 Miller Air & Electric Co. Ltd., No. 7 Gilead Pl. (416) 368-5646
 Welland L3B 5W6 Burger Electric Motor Service Ltd., 60 Clark St. (416) 734-6171
 Weston M9L 2S2 Karl's Power Tool's Sales & Services Ltd., 162 Turbine Dr. (416) 741-1336
 Windsor N8W 3S8 Klinec Electric Services Ltd., 3702 Walker Rd. (519) 969-2221

QUEBEC

Drummondville J2C 4P5 Centre De L'outil Drummond Enr., 482 Marchand (819) 478-1109
 Gatineau J8P 1G6 Les Equipments Brabant et Fils, 776 B Boul. Maloney Est. (819) 663-2526
 Grandby J2G 5A7 Armatures Shefford Inc., 200 Rue Cartier (514) 375-1414
 Montreal H2M 1R9 Inolec Inc., 8945 Rue Lajeunesse (514) 384-9021
 Montreal H4A 2K5 Instrument Sales & Service Inc., 2185 Hampton Ave. (514) 481-8111
 Quebec City G1N 4E9 Clinique D'Outilage M.P. Inc., 1550 Du Grand Tronc (418) 682-0841
 Quebec City G1N 4A7 Electro-Mecanik Inc., 445 Marconi (418) 683-1724
 Sept-Iles G4R 1L8 Ateliers Wood Inc., 361 Noel Ave. (418) 962-6131
 Sherbrooke J1G 1E4 Do-Mar Electric Inc., 1136 King St. E. (819) 563-2234
 St. Leonard H1P 1J7 P.S.C. Montreal Inc., 6660 P.E. Lamarche (514) 326-0650
 Victoriaville G6P 7E6 Baril Electric Inc., 444 Cantin Parc Industriel (819) 752-4480

SASKATCHEWAN

Regina S4R 1J3 Regina Power Tool Serve Ltd., 1065 Winnipeg St. (306) 352-3106
 Saskatoon S7K 0W1 Ted's Power Tool Repair, 426-44th St. East (306) 934-6155



HEAVY-DUTY ELECTRIC TOOLS

HIGHEST QUALITY MATERIALS AND WORKMANSHIP

AUTHORIZED SALES: MILWAUKEE Electric Tools are sold only through Authorized Distributors with experienced personnel to assist you in selecting the proper tools for your specific requirements. You derive a real advantage in buying from your MILWAUKEE Distributor. He not only maintains well balanced inventories of tools for immediate shipment, but places at your disposal the services of his trained and experienced personnel to advise you on special product applications. **SEE "YELLOW PAGES" UNDER "TOOLS — ELECTRIC" FOR THE MILWAUKEE DISTRIBUTOR NEAREST YOU.**

TESTED — LISTED: MILWAUKEE Heavy-Duty Tools bearing the monograms of Underwriters' Laboratories, Inc. or Canadian Standards Association are listed by their testing laboratories as having complied with their standards for safety. Continued compliance is assured by independent inspections by both agencies.

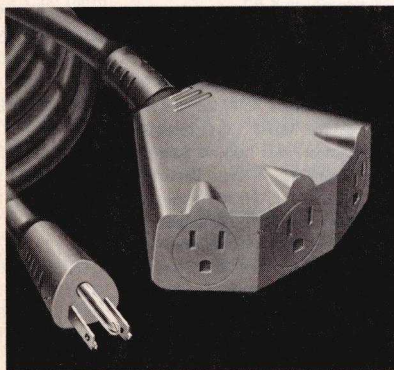


MILWAUKEE MOTORS: All MILWAUKEE motors are universal type which will run equally well on DC or AC (20 to 60 HZ) except those used on Bench Grinders, Water Pumps, Vacuum Pumps and Hoists. Tools with switches or controls requiring AC operation are indicated as "AC" or "AC Only" under the tool's specifications.

GENERAL INFORMATION: The Milwaukee Electric Tool Corporation reserves the right to make any changes in or improvements to its products without incurring any liability or obligation whatever and without being required to make any corresponding changes or improvements in products previously manufactured or sold.

INSTRUCTIONS: An instruction booklet is furnished with each MILWAUKEE Electric Tool. Please read it carefully for best care and performance. **IMPORTANT —** Pay particular attention to all safety precautionary measures before operating any power tool.

TRIPLE TAP EXTENSION CORDS: When an extension cord is used, it should always be a 3 wire cord to permit proper grounding of the 3 wire grounded tools. As the distance from the supply outlet increases, heavier gauge extensions are required. The use of extension cords of inadequate size wire causes a serious drop in voltage, loss of power and possible motor damage. (See charts below.)



**TRIPLE TAP
EXTENSION CORDS:**
Extra Heavy-Duty.
Three Wire,
grounded.

CATALOG NUMBER	LENGTH	GAUGE
48-76-0170	50'	12
48-76-0180	100'	12
48-76-0190	2'	12

WIRE SIZE		VOLTAGE DROP @ MAX. AMPS FOR GIVEN WIRE LENGTHS			
AWG.	MAX. AMPS	25'	50'	75'	100'
4	70	.87	1.74	2.60	3.48
6	55	1.08	2.17	3.25	4.35
8	40	1.25	2.51	3.87	5.03
10	30	1.50	3.00	4.50	6.00
12	25	1.98	3.97	5.95	7.95
14	18	2.27	4.55	6.82	9.10
16	13	2.65	5.22	7.84	10.45

NOTE: When selecting extension cord, voltage drop should not exceed 5 volts for the rated amps and length of cord required.

EXTENSION CORD CHART

Extension cord sizes chosen to assure a drop of not over 5 volts at rated load of tool.

Ampere rating (on Nameplate)	0- 2.00	2.1- 3.4	3.5- 5.00	5.10- 7.0	7.10- 12.0	12.1- 16.0	16.1- 20.00	
Ext. Cable Length	WIRE SIZE							
25 Ft.	18	18	18	18	16	14	12	
50 Ft.	18	18	18	16	14	12	10	
75 Ft.	18	18	16	14	12	10	8	Not normally available as flexible extension cord.
100 Ft.	18	16	14	12	10	8	8	
150 Ft.	16	14	12	12	8	8	6	
200 Ft.	16	14	12	10	8	6	4	
300 Ft.	14	12	10	8	6	4	4	
400 Ft.	12	10	8	6	4	4	2	
500 Ft.	12	10	8	6	4	2	2	
600 Ft.	10	8	6	4	2	2	1	
800 Ft.	10	8	6	4	2	1	0	
1000 Ft.	8	6	4	2	1	0	0	



1/4"

HEAVY-DUTY HOLE-SHOOTERS

TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles



0102-1
0-2500 RPM

0141-1
0-4000 RPM



0124-1
MAGNUM
0-2000 RPM

- POWERFUL 4.5 AMP
- 0-2000 RPM Speed Control For Using A Full Range Of Drilling Accessories

EXCLUSIVE MAGNUM® FEATURES:

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' and 50' available.

SPECIFICATIONS

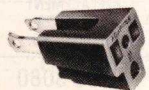
CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
0102-1 REV.	1/4	120	3.5	0-2500	SINGLE	3/8"-24	48-66-0070	48-66-3200	8-3/8	3-1/2	4-1/2
0141-1 REV.	1/4	120	3.5	0-4000	SINGLE	3/8"-24	48-66-0070	48-66-3200	8-1/2	3-1/2	4-3/4
0124-1 REV.	1/4	120	4.5	0-2000	DOUBLE	1/2"-20	48-66-0104	48-66-3200	10	4	5-1/4

STANDARD EQUIPMENT: FOR 0102-1 and 0141-1—Chuck Key and Rubber Flex Key Holder.
FOR 0124-1—8' Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.

TYPE "E" GREASE NO. 49-08-4121
For All Drills 1 LB. CAN

MAGNUM® SIDE HANDLE
NO. 49-15-0260
For Aluminum Gear Case

PLUG ADAPTER
NO. 48-03-0010



QUIK-LOK CORD SETS
8' NO. 48-76-3008
25' NO. 48-76-3025
50' NO. 48-76-3050

STEEL CARRYING CASE
NO. 48-55-0711
For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 8-3/4" wide.



BELT CLIP KIT
NO. 48-67-0102

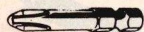
For all non-Magnum Drills. Attaches to top of drill for holding on belt or pockets.

RUBBER FLEX KEY HOLDER

NO. 48-66-4080
FOR KEY 48-66-3200



SCREWDRIVER BITS



Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	LGTH. (IN.)	CATALOG NUMBER
Phillips #1	2	48-30-1510
Phillips #2	2	48-30-1520
Phillips #2	3	48-30-1525
Phillips #3	2	48-30-1500



Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

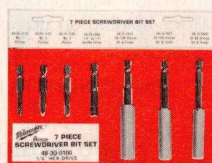
SCREW SIZE	CATALOG NUMBER
6F-8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters



SCREWDRIVER BIT SET
NO. 48-30-0100

Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. x 2" Socket Driver. For use with all Drills.



ADDITIONAL ACCESSORIES ON PAGES 24 THRU 33



DRIVER/DRILL BIT SET
NO. 48-30-0101

Eight piece set includes a 1/4" Socket Driver #8F-10R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Drill Bits and two 1/8" Twist Drill Bits.



DOUBLE END TWIST DRILL SET
NO. 48-89-0040

135° Split Point. Set contains one each of sizes: 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", No. 11, No. 20, No. 30.



3/8"

HEAVY-DUTY HOLE-SHOOTERS

TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

0222-1
0-1000 RPM

0228-1
0-1000 RPM

0230-1
0-1700 RPM



- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles

0224-1
MAGNUM
0-1200 RPM



- POWERFUL 4.5 AMP
- 0-1200 RPM Speed Control For Using A Full Range Of Drilling Accessories

EXCLUSIVE MAGNUM® FEATURES:

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' and 50' available.

0375-1
CLOSE QUARTER
0-1300 RPM



- UNIQUE DESIGN—55° Angled Chuck for easy access to tight places
- LIGHTWEIGHT—Only 3-1/2 lbs
- Comfortable Grip, Efficient Paddle Switch
- HIGH IMPACT HOUSING
- DOUBLE INSULATED
- QUIET RUNNING

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0222-1 REV.	3/8	120	3.5	0-1000	DOUBLE	3/8"-24	48-66-0805	48-66-3080	9-1/2	4	5
0228-1 REV.	3/8	120	3.5	0-1000	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0230-1 REV.	3/8	120	3.5	0-1700	DOUBLE	3/8"-24	48-66-0795	48-66-3240	9-1/4	3-3/4	5
0224-1 REV.	3/8	120	4.5	0-1200	DOUBLE	1/2"-20	48-66-0224	48-66-3280	10-1/2	4-3/4	6
0375-1 REV.	3/8	120	3.5	0-1300	DOUBLE	3/8"-24	48-66-0795	48-66-3240	10	3-1/2	6

STANDARD EQUIPMENT: FOR 0222-1, 0228-1 and 0230-1—Chuck Key and Rubber Flex Key Holder.
FOR 0224-1—8' Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.
FOR 0375-1—Chuck Key and Rubber Flex Key Holder.



SIDE HANDLE
NO. 49-15-0260
For Aluminum Gear Case



PLUG ADAPTER
NO. 48-03-0010



RUBBER FLEX KEY HOLDER
NO. 48-66-4040

FOR KEYS 48-66-3080, 48-66-3240 and 48-66-3280

BELT CLIP KIT
NO. 48-67-0102

For All non-Magnum Drills. Attaches to top of drill for holding on belt or pockets.

TYPE "E" GREASE NO. 49-08-4121
For All Drills 1 LB. CAN

STEEL CARRYING CASE
NO. 48-55-0711

For Pistol Drills and Screw-Shooters.
Overall size 13-1/2" long, 6" high and 8-3/4" wide.



QUIK-LOK CORD SETS

8' NO. 48-76-3008
25' NO. 48-76-3025
50' NO. 48-76-3050



TOOL HOLSTER
NO. 49-17-0200
For Pistol Drills and Screw-Shooters





1/2"

HEAVY-DUTY HOLE-SHOOTERS

TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS
HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Heavy-Duty Industrial Chucks
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles



0238-1
0-650 RPM



0234-1
MAGNUM
0-850 RPM

0244-1
MAGNUM
0-600 RPM

EXCLUSIVE MAGNUM® FEATURES:

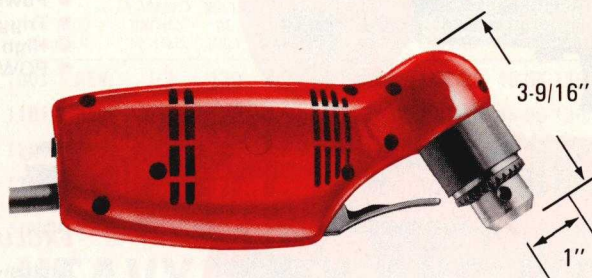
Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets.

- Quick detachment from tool for tangle free carrying and storage.
- 8' standard equipment, 25' and 50' available.

- POWERFUL 4.5 AMP
 - 0-850 RPM Speed Control (Model 0234-1)
 - 0-600 RPM Speed Control (Model 0244-1)
- For Using A Full Range Of Drilling Accessories

- UNIQUE DESIGN—55° Angled Chuck for easy access to tight places
- LIGHTWEIGHT—Only 3-1/2 lbs
- Comfortable Grip, Efficient Paddle Switch
- HIGH IMPACT HOUSING
- DOUBLE INSULATED
- QUIET RUNNING



NEW
0379-1
CLOSE QUARTER
0-750 RPM

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHR. WGT. (LBS.)
0238-1 REV.	1/2	120	3.5	0-650	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10	4-1/4	5-1/2
0234-1 REV.	1/2	120	4.5	0-850	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0244-1 REV.	1/2	120	4.5	0-600	DOUBLE	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
0379-1 REV.	1/2	120	3.5	0-750	DOUBLE	3/8"-24	48-66-2100	48-66-3480	10	3-1/2	6

STANDARD EQUIPMENT: FOR 0238-1—Chuck Key, Rubber Flex Key Holder and Side Handle.

FOR 0234-1 and 0244-1—8' Quik-Lok Cord, Chuck Key, Rubber Flex Key Holder and Side Handle.

FOR 0379-1—Chuck Key and Rubber Flex Key Holder.

SCREWDRIVER BITS



Bits with 1/4" hex shanks for driving #1, #2 and #3 Phillips screws.

SCREW SIZE	LGTH. (IN.)	CATALOG NUMBER
Phillips #1	2	48-30-1510
Phillips #2	2	48-30-1520
Phillips #2	3	48-30-1525
Phillips #3	2	48-30-1500



Bit and Finder 3-1/2" long with 1/4" hex shank for slotted head screws.

SCREW SIZE	CATALOG NUMBER
6F-8R	48-30-2600
8F-10R	48-30-2625
10F-12R	48-30-2650
12F-14R	48-30-2675
14F-16R	48-30-2700

SCREWDRIVER BIT SET NO. 48-30-0100

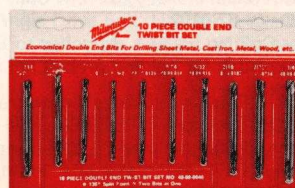


Includes one each of Screwdriver Bits and Bit and Finders as shown in red at left. Also includes No. 48-32-2050 1/4" Sq. x 2" Socket Driver. For use with all Drills.



DRIVER/DRILL BIT SET NO. 48-30-0101

Eight piece set includes a 1/4" Socket Driver #8F-10R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Drill Bits and two 1/8" Twist Drill Bits.



DOUBLE END TWIST DRILL SET NO. 48-89-0040

135° Split Point. Set contains one each of sizes: 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", No. 11, No. 20, No. 30.

ADDITIONAL ACCESSORIES
ON PAGES 24 THRU 33



1/2" HEAVY-DUTY HOLE-SHOOTERS with KEYLESS POWER CHUCKS

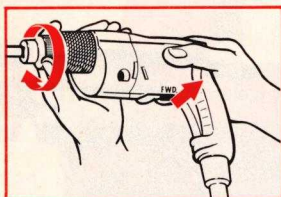
TRIGGER SPEED CONTROL REVERSING

ALL BALL AND ROLLER BEARINGS HELICAL CUT HEAT TREATED GEARS
FOR HEAVY-DUTY INDUSTRIAL/CONSTRUCTION APPLICATIONS

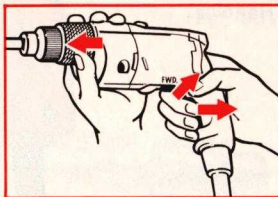
FASTEST, EASIEST Way of Changing Bits

- RATCHET MECHANISM DRIVES ALL THREE JAWS TO A BALANCED, POWERFUL GRIP

3 FAST MOTIONS FOR INSERTION/REMOVAL



1.
**HAND
TIGHTEN
CHUCK JAWS
TO POSITION
BIT**

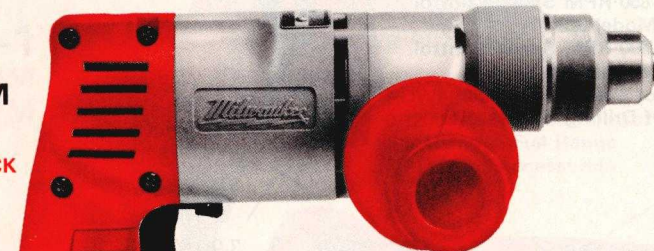


2.
**WITH SWITCH
IN "FORWARD"
POSITION, PUSH
COLLAR
FORWARD TO
TIGHTEN JAWS**

3.
**SAME MOTION
WITH DRILL
IN REVERSE
RELEASES
DRILL BIT**

- EXCLUSIVE AND PATENTED MILWAUKEE CHUCK

0239-1
0-850 RPM
WITH
KEYLESS
POWER CHUCK



- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Powerful MILWAUKEE built Motor
- Trigger Speed Control Reversing Switches
- High Strength Impact Resistant Handles
- POWERFUL 4.5 AMP

0235-1
MAGNUM
0-850 RPM
WITH
KEYLESS
POWER CHUCK



EXCLUSIVE MAGNUM® FEATURES:

Exclusive Brush Cartridge System
Change brushes in less than one minute.

Quik-Lok Cord Sets

- Quick detachment from tool for tangle free carrying and storage.
- POWERFUL 4.5 AMP
- 0-850 RPM Trigger Speed Control
For Using A Full Range of Drilling Accessories
- 8' standard equipment, 25' and 50' available.

QUICK-LOK CORD SETS

8' NO. 48-76-3008
25' NO. 48-76-3025
50' NO. 48-76-3050

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
0239-1 REV.	1/2	120	4.5	0-850	DOUBLE	1/2"-20	10-1/2	4-3/4	6
0235-1 REV.	1/2	120	4.5	0-850	DOUBLE	1/2"-20	10-1/2	4-3/4	6

STANDARD EQUIPMENT: FOR 0239-1—Side Handle.
FOR 0235-1—8' Quik-Lok Cord and Side Handle.



**MAGNUM®
SIDE HANDLE**
NO. 49-15-0260
For Aluminum Gear Case

ACCESSORIES

BELT CLIP

NO. 48-67-0102
For Drill No. 0239-1. Attaches to
top of drill for holding on belt or
pockets.



STEEL CARRYING CASE

NO. 48-55-0711
For Pistol Drills and Screw-
Shooters.
Overall size 13-1/2" long,
6" high and 8-3/4" wide.



TYPE "E" GREASE

For All Drills
NO. 49-08-4121
1 LB. CAN

SELECT ADDITIONAL ACCESSORIES FROM PAGE 13 AND PAGES 23 THRU 32

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY "D" HANDLE HOLE-SHOOTERS

HELICAL CUT HEAT TREATED GEARS ALL BALL AND ROLLER BEARINGS

TRIGGER SPEED CONTROL MODELS

1/2" CAPACITY 0-600 RPM and 0-500 RPM REVERSING SWITCH QUIK-LOK CORDS



DURABLE, GLASS REINFORCED NYLON HANDLES

POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER

OPTIONAL STEEL CARRYING CASE NO. 48-55-0797

Heavy-Duty 20 gauge steel case designed to fit Drill and up to 6" bit without removal of bit for storage. Order separately.

OPTIONAL ADJUSTABLE SIDE HANDLE NO. 49-15-0200



MILWAUKEE's exclusive Quik-Lok cord sets provide instant field replacement or substitution. To remove cord set, turn cord nut 1/4 turn to the left. Pull cord set off.

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SH. WGT. (LBS.)
1007-1 REV.	1/2"	120	4.5	0-600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1107-1 REV.	1/2"	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT: Both models—Side Handle No. 43-62-0885, Chuck Key and Rubber Flex Key Holder, 8' Quik-Lok Cord set No. 48-76-3008.

SINGLE SPEED MODELS

1/2" CAPACITY 950 to 350 RPM REVERSING SWITCH



SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SH. WGT. (LBS.)
1001-1 REV.	1/2	120	4.5	600	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1250-1 REV.	1/2	120	6.2	950	Dbl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/2	10

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT: All models—Side Handle No. 43-62-0885, Chuck Key and Rubber Flex Key Holder.



HEAVY-DUTY ANGLE DRIVE UNITS

TO CONVERT STRAIGHT DRILLS TO ANGLE DRILLS

Used extensively for drilling between joists, studding, in tight corners or in close quarters on machinery equipment. Provides two additional drilling speeds. Chuck transferred from drill to LOW spindle of right angle unit reduces drills normal speed by 1/3 and increases drilling torque by 50%. Chuck transferred to opposite spindle of right angle unit increases speed by 50%.

NO. 48-06-2870 For drills with non-reversing motors. Drill or chuck not included. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

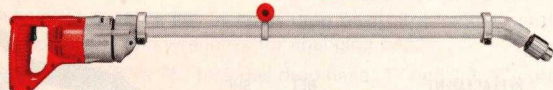
NO. 48-06-2871 For rev. drill motors. Net Wgt. 2 lbs. Shp. Wgt. 3 lbs.

WITH DRILL...USE RAD UNIT

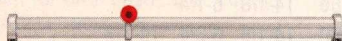
DRILL CATALOG NO. AND TYPE	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE
0234-1 REV. MAGNUM® PISTOL DRILL ♦	48-06-2871	0-850	0-565	0-1275
0244-1 REV. MAGNUM® PISTOL DRILL ♦	48-06-2871	0-600	0-400	0-900
1001-1 REV. "D" HANDLE DRILL	48-06-2871	600	400	900
1007-1 REV. "D" HANDLE DRILL	48-06-2871	0-600	0-400	0-900
1101-1 REV. "D" HANDLE DRILL	48-06-2871	500	335	750
1107-1 REV. "D" HANDLE DRILL	48-06-2871	0-500	0-335	0-750
1201-1 REV. "D" HANDLE DRILL	48-06-2871	350	230	525
1250-1 REV. "D" HANDLE DRILL	48-06-2871	950	630	1425

"REV." after Catalog Number indicates reversing motor.

Head and handle swivel 360° and can be locked tight in any position.



33° ANGLE DRIVE KIT NO. 48-06-2860 FOR DRILL MODELS 1001-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

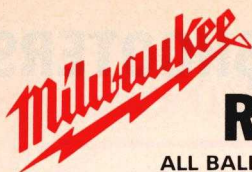


30" EXTENSION NO. 48-95-0400 FOR DRILL MODELS 1001-1 REV., 1007-1 REV., 1101-1 REV., 1107-1 REV., 1201-1 REV., 1250-1 REV.

Stretches drilling reach up to 30 inches. Permits easy drilling of up to 2-9/16" dia. holes. Kit consists of an extension tube, side handle, drive shaft with hex sockets on both ends, two clamping collars and a 33° Angle Drive unit. Use 33° Angle Drive with the 30" extension only. 33° angle units operate at the same speed as the drill powering them.

30" extension available separately for use with MILWAUKEE RAD units NOS. 48-06-2870 and 48-06-2871. Unit comes complete with 30" extension tube, drive shaft with hex socket on both ends, two clamping collars, and side handle. Purchase RAD unit separately.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY REVERSING RIGHT ANGLE DRILL KITS

ALL BALL AND ROLLER BEARINGS • HEAT TREATED GEARS

- 3102-1 PLUMBERS KIT
- 3202-1 PLUMBERS KIT
- 3002-1 ELECTRICIANS KIT
- 3107-1 VARIABLE SPEED KIT

FOR USE WITH
UP TO 2-9/16"
SELFEED BITS

3300-1 MAGNUM® RAD KIT FOR USE WITH UP TO 2-1/8" SELFEED BITS



Head and handle
swivel 360° and
can be locked tight
in any position.



NOTE
With Right Angle
Head removed,
tool becomes
a No. 0234-1
1/2" capacity
straight drill.



- POWERFUL MILWAUKEE-BUILT MOTOR FOR MAXIMUM POWER
- HELICAL CUT STEEL GEARS — HARDENED SHAFTS
- DURABLE, GLASS REINFORCED NYLON HANDLES
- ALL BALL AND ROLLER BEARINGS

ACCESSORIES

For Magnum Drill

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-0200

TYPE "E" GREASE
NO. 49-08-4121
1 LB. CAN

For "D" Handle Drills

STEEL CARRYING CASE
Heavy-Duty 20 gauge steel case.
CASE ONLY NO. 48-55-0797

TYPE "A" GREASE
NO. 49-08-0500 NO. 49-08-0800
1/2 LB. CAN 1 LB. CAN

SPECIFICATIONS

RAD KIT CATALOG NO.	DRILL CATALOG NO.	RAD UNIT CATALOG NO.	RPM DRILL ONLY	RPM WITH RAD LOW SIDE	RPM WITH RAD HIGH SIDE	SHIPPING WEIGHT LBS.
NO. 3300-1 MAGNUM RIGHT ANGLE DRILL KIT						
3300-1	0234-1 REV.	48-06-2871	0-850	0-565	0-1275	14
NO. 3102-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3102-1	1101-1 REV.	48-06-2871	500	335	750	21
NO. 3202-1 PLUMBERS RIGHT ANGLE DRILL KIT						
3202-1	1201-1 REV.	48-06-2871	350	230	525	21
NO. 3002-1 ELECTRICIANS RIGHT ANGLE DRILL KIT						
3002-1	1001-1 REV.	48-06-2871	600	400	900	21
NO. 3107-1 VARIABLE SPEED RIGHT ANGLE DRILL KIT						
3107-1	1107-1 REV.	48-06-2871	0-500	0-335	0-750	21

SPECIFICATIONS FOR DRILLS INCLUDED IN ABOVE KITS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS AC ONLY	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
0234-1 REV.	1/2	120	4.5	0-850	DbI.	1/2"-20	48-66-1360	48-66-3280	10-1/2	4-3/4	6
1001-1 REV.	1/2	120	4.5	600	DbI.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-1/4	10
1101-1 REV.	1/2	120	4.5	500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2
1107-1 REV.	1/2	120	4.5	0-500	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/4	6-1/2	10
1201-1 REV.	1/2	120	4.5	350	Trpl.	1/2"-20	48-66-1360	48-66-3280	14-1/8	6-3/4	10-1/2

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT:

NO. 3300-1 Kit contains 1/2" MAGNUM Drill No. 0234-1, Right Angle Drive Unit, 8' Quik-Lok Cord, Side Handle with Clamp, 9/16" Open End Wrench, Knockout Pin and Steel Carrying Case.

NO. 3102-1 Kit contains NO. 1101-1, 500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3202-1 Kit contains NO. 1201-1, 350 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3002-1 Kit contains NO. 1001-1, 600 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle and Steel Carrying Case NO. 48-55-0797.

NO. 3107-1 Kit contains NO. 1107-1, 0-500 RPM Heavy-Duty 1/2" reversing drill and NO. 48-06-2871 reversing Right Angle Drive, NO. 49-96-4060 9/16" Open End Wrench, NO. 49-96-0080 3/16" Socket Wrench, Chuck Remover Bar, Side Handle, 8' Quik-Lok Cord Set NO. 48-76-3008 and Steel Carrying Case NO. 48-55-0797.



QUIK-LOK CORD SETS

For use with models
3300-1 and 3107-1.

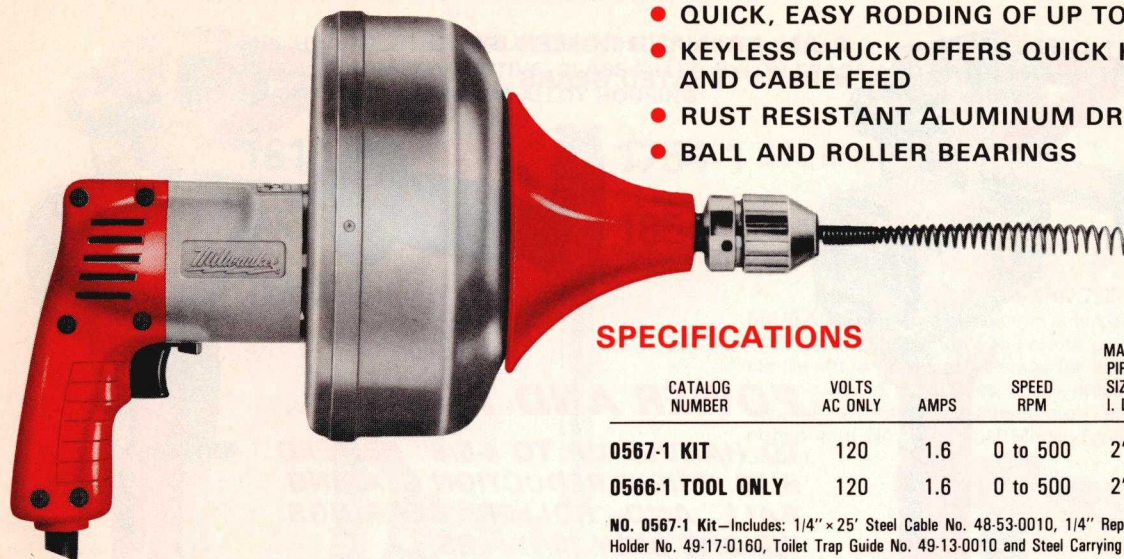
8' QUIK-LOK NO. 48-76-3008
25' QUIK-LOK NO. 48-76-3025
50' QUIK-LOK NO. 48-76-3050



HEAVY-DUTY DRAIN CLEANER

HOLDS UP TO 35' OF 3/8" OR 50' OF 5/16" INNER CORE CABLE

- **TRIGGER SPEED CONTROL — REVERSING MOTOR PROTECTS CABLE FROM DAMAGE AND PERMITS OPERATION FROM 0 TO 500 RPM**



- **QUICK, EASY RODDING OF UP TO 2" WASTELINES**
- **KEYLESS CHUCK OFFERS QUICK HAND TIGHTENING AND CABLE FEED**
- **RUST RESISTANT ALUMINUM DRUM**
- **BALL AND ROLLER BEARINGS**

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED RPM	MAX. PIPE SIZE I. D.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
0567-1 KIT	120	1.6	0 to 500	2"	17	7-1/4	34
0566-1 TOOL ONLY	120	1.6	0 to 500	2"	17	7-1/4	10

NO. 0567-1 Kit—Includes: 1/4" x 25' Steel Cable No. 48-53-0010, 1/4" Repair Hook No. 49-20-0020, Toilet Trap Holder No. 49-17-0160, Toilet Trap Guide No. 49-13-0010 and Steel Carrying Case. No. 48-55-6055.

NO. 0566-1 Tool Only—Less Carrying Case and Accessories.



STEEL CABLE

INNER-CORE DROP HEAD CABLE

REPAIR HOOK

REPAIR BULB

STEEL CABLE is right-hand wound cable which expands when torque is applied. Designed for feeding through crossbars, down through and around the goose neck, or traps. It eliminates removal of the trap or clean out plug.

STEEL CABLES

NO. 48-53-0015 5/16" x 25' Includes repair hook.

NO. 48-53-0035 5/16" x 30' Includes repair hook.

NO. 48-53-0010 1/4" x 25' Includes repair hook.

NO. 48-53-0030 1/4" x 30' Includes repair hook.

INNER-CORE DROP HEAD CABLE is left-hand wound cable which tightens against center core when torque is applied, making a solid shaft. Once through stoppage, tension on the cable is released, and it becomes flexible again.

INNER-CORE DROP HEAD CABLES

NO. 48-53-0020 5/16" x 25' Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0025 5/16" x 30' Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0040 5/16" x 50' Includes drop head, 3/4" and 1" cutter, socket head screws and wrenches for changing heads.

NO. 48-53-0050 3/8" x 35' Includes drop head, 1" and 1-1/4" cutter, socket head screws and wrenches for changing heads, extraction hook.

DROP HEAD PARTS KIT NO. 49-22-2500

For 5/16" Inner-Core Cable — includes drop head set screw for drop head, socket wrench for drop head, 3/4" cutter, 1" cutter, set screws and socket wrench for cutters.

DROP HEAD PARTS KIT NO. 49-22-2510

For 3/8" Inner Core Cable — includes drop head, set screw for drop head, socket wrench for drop head, 1" and 1-1/4" cutter, set screws and wrench for cutters, extraction hook.



**STEEL CARRYING CASE ONLY
NO. 48-55-6055**



**CHUCK
WITH COLLET
NO. 48-66-0270**

**TOILET TRAP GUIDE
NO. 49-13-0010**



**HOLDER
NO. 49-17-0160**

**DROP HEAD
ASSEMBLY**



CUTTER

REPAIR HOOK NO. 49-20-0020 for 1/4" steel cable.

REPAIR HOOK NO. 49-20-0040 for 5/16" steel cable.

REPAIR BULB NO. 48-50-0010 for 5/16" inner-core drop head cable.

REPAIR BULB NO. 48-50-0020 for 3/8" inner-core drop head cable.

DROP HEAD ASSEMBLY NO. 49-16-0010 for 5/16" inner-core drop head cable.

DROP HEAD ASSEMBLY NO. 49-16-0020 for 3/8" inner-core drop head cable.

CUTTER 3/4" NO. 48-38-0050 for 5/16" inner-core drop head cable.

CUTTER 1" NO. 48-38-0060 for 5/16" inner-core drop head cable.

CUTTER 1" NO. 48-38-0070 for 3/8" inner-core drop head cable.

CUTTER 1-1/4" NO. 48-38-0080 for 3/8" inner-core drop head cable.

TYPE "A" GREASE NO. 49-08-0500 1/2 LB. CAN

TYPE "A" GREASE NO. 49-08-0800 1 LB. CAN



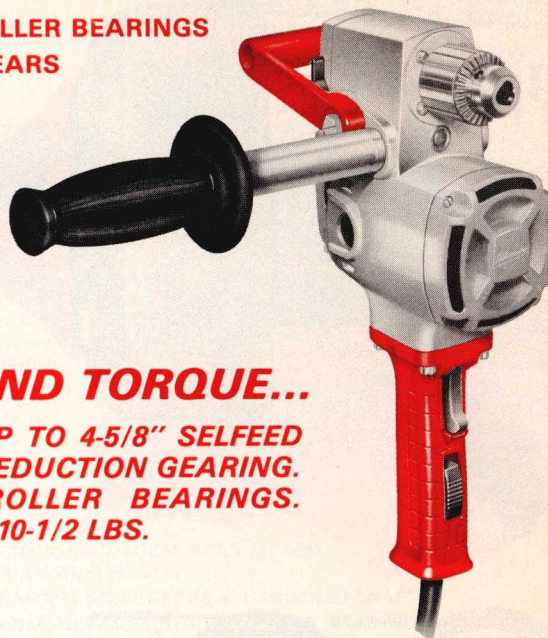
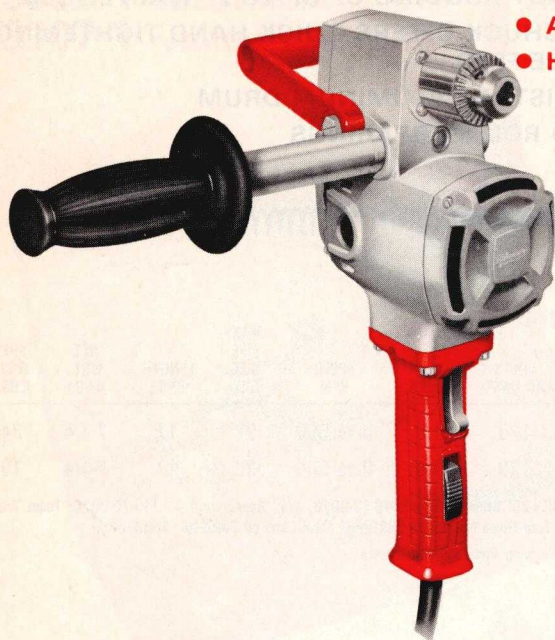
HEAVY-DUTY HOLE-HAWG®

COMPACT DESIGN FOR DRILLING BETWEEN STUDS AND JOISTS

1670-1 REV.
SINGLE SPEED — 900 RPM
REVERSING MOTOR

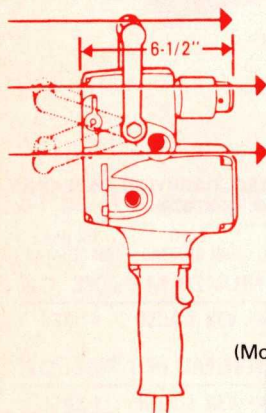
1675-1 REV.
TWO SPEED — 1200 AND 300 RPM
REVERSING MOTOR

- ALL BALL AND ROLLER BEARINGS
- HEAT TREATED GEARS



POWER AND TORQUE...

TO HANDLE UP TO 4-5/8" SELFED BITS. TRIPLE REDUCTION GEARING. BALL AND ROLLER BEARINGS. WEIGHS ONLY 10-1/2 LBS.



FUNCTIONAL DESIGN

**Puts force in line
with chuck**

- 2 POSITION PIPE HANDLE
- 3 POSITION SPADE HANDLE
- 2 SPEED GEAR SHIFT
- (Models 1675-1 Rev. and 1676-1 Rev.)
- EXTERNAL BRUSH CAPS

TYPE "E" GREASE
1 LB. CAN
NO. 49-08-4121



1676-1 REV.
(Same as 1675-1
but with steel
carrying case)

**STEEL
CARRYING CASE**
(When ordered separately)
NO. 48-55-0110

SPECIFICATIONS

SPECIFICATIONS			CAPACITY												
			WOOD			STEEL									
			WITH AUGER BIT	WITH SHIP AUGER BIT	WITH SELFED BIT										
CATALOG NUMBER	SPEED	NO LOAD RPM					VOLTS AC ONLY	AMPS	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	NET WGT. LBS.	SHP. WGT. LBS.	
1670-1 REV.	Single	900	1-1/2"	1-1/2"	2-9/16"	7/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16	
1675-1 REV.	High	1200	1-1/8"	1-1/4"	1-3/8"	5/16"	120	7.5	Trpl.	5/8"-16	48-66-1380	48-66-3280	10-1/2	16	
	Low	300	1-1/2"	1-1/2"	4-5/8"	1/2"									

1676-1 REV. Same as 1675-1 but with steel carrying case

24

"REV." after Catalog No. indicates reversing type motor.



HEAVY-DUTY COMPACT and SUPER HOLE-SHOOTERS

REVERSING ALL BALL AND ROLLER BEARINGS

RUGGEDLY BUILT, RESERVE POWER for toughest drilling jobs. Gears are helical-cut for quiet performance, heat treated, chrome moly alloy steel for

high torque transmission with minimum wear. Drive shafts run smoothly on pre-lubricated ball bearings.

- PIPE HANDLE REMOVABLE FOR CLOSE QUARTER DRILLING
- BRUSH DESIGN FOR FAST EASY CHANGE
- STRONG, NON-CONDUCTIVE, GLASS FILLED NYLON SPADE AND SWITCH HANDLES
- HEAVY-DUTY ALUMINUM ALLOY HOUSING

1610-1 650 RPM

1630-1 900 RPM

1660-1 450 RPM

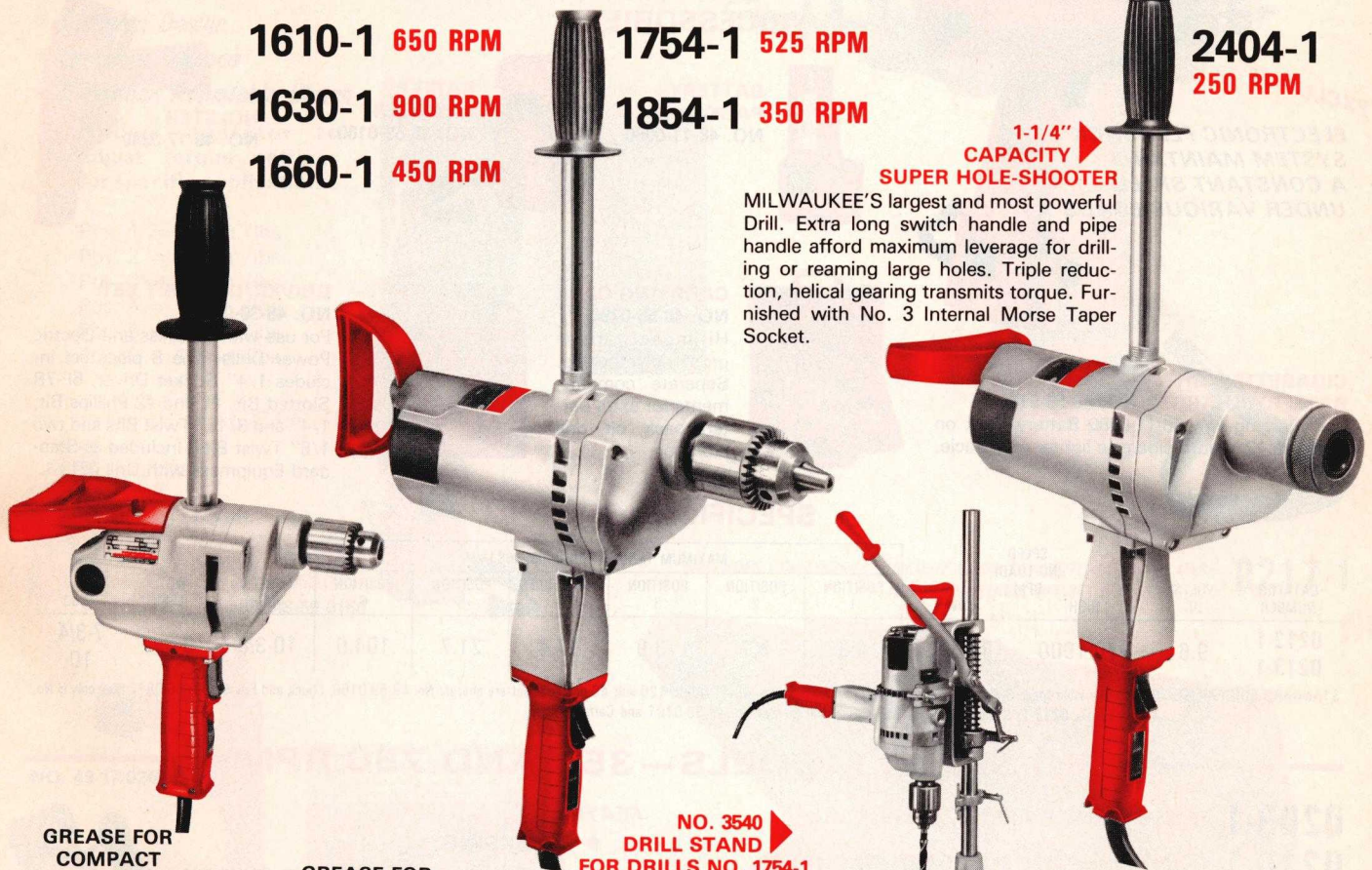
1754-1 525 RPM

1854-1 350 RPM

**2404-1
250 RPM**

**1-1/4" CAPACITY
SUPER HOLE-SHOOTER**

MILWAUKEE'S largest and most powerful Drill. Extra long switch handle and pipe handle afford maximum leverage for drilling or reaming large holes. Triple reduction, helical gearing transmits torque. Furnished with No. 3 Internal Morse Taper Socket.



**GREASE FOR
COMPACT
HOLE-SHOOTERS**

TYPE "A" GREASE

1/2 LB. CAN

NO. 49-08-0500

1 LB. CAN

NO. 49-08-0800

**GREASE FOR
SUPER
HOLE-SHOOTERS**

TYPE "E" GREASE

1 LB. CAN

NO. 49-08-4121

**NO. 3540
DRILL STAND
FOR DRILLS NO. 1754-1
AND LARGER**

Height of Post 36"
Max. Feed 5-1/2"
Size of Base 10" x 10"
Chuck to Base—Max. 17-1/2"
Chuck to Post 6-1/2"
Wgt. Less Drill 33 lbs.
Ship. Weight 45 lbs.

**SEE PAGE 23
FOR DRILL STANDS
FOR COMPACT
HOLE-SHOOTERS**

SPECIFICATIONS

CATALOG NUMBER	CAPACITY (INCHES) IN STEEL	VOLTS	AMPS	SPEED (NO LOAD) RPM	GEAR TRAIN	SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
1610-1 REV.	1/2	120 AC ONLY	7	650	DbI.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1630-1 REV.	1/2	120 AC ONLY	7	900	DbI.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1660-1 REV.★	1/2	120 AC-DC	7	450	Trpl.	5/8"-16	48-66-1380	48-66-3280	12-1/4	9-1/2	13
1754-1 REV.	5/8	120 AC-DC	10	525	Trpl.	#3 J.T.*	48-66-1680	48-66-3120	18-1/2	19	23
1854-1 REV.	3/4	120 AC-DC	10	350	Trpl.	#3 J.T.*	48-66-2085	48-66-3160	18-1/2	19	23
2404-1 REV.‡	1-1/4	120 AC-DC	10	250	Trpl.	#3 M.T.●	—	—	18-3/4	23-3/4	27-3/4

★ Available in 240 Volts AC Only. 240 Volt not available in Canada. Double Insulated. Order Catalog No. 1662-3.

"REV." after Catalog No. indicates reversing type motor.

* Jacobs Taper Spindle.

● With No. 3 Internal Morse Taper Socket.

‡ To adapt a 3/4" capacity chuck to 2404-1 Drill with No. 3 Internal Morse Taper Socket, order accessory Chuck Kit No. 49-22-1550. Kit consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



3/8"
9.6 VOLTS

HEAVY-DUTY CORDLESS DRIVER/DRILLS

1 HOUR FAST CHARGE

VARIABLE SPEED MODELS—50 THRU 1000 RPM

0212-1 (INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)

0213-1 (INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER, CARRYING CASE AND DRIVER/DRILL BIT SET NO. 48-30-0101.)

FEATURES

- REVERSING
- 6 POSITION ADJUSTABLE CLUTCH
- CHUCK KEY SECURED IN BUILT-IN KEY HOLDER

ACCESSORIES

EXCLUSIVE

ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS



BATTERY PACK
NO. 48-11-0080



BATTERY CHARGER
NO. 48-59-0160

HOLSTER
NO. 49-17-0240



CARRYING CASE
NO. 48-55-0794

Hi-impact, rust-proof polyethylene. Separate compartments for extra battery pack, bit, drill storage.



DRIVER/DRILL BIT SET
NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits. Included as Standard Equipment with Drill 0213-1.

CIGARETTE LIGHTER TYPE BATTERY CHARGER NO. 48-59-0161

For charging No. 48-11-0080 Battery Pack on standard 12 V auto cigarette lighter receptacle.

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM		MAXIMUM TORQUE RANGE (IN./LBS.)						LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
				POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6			
0212-1	9.6	170-1000	50-300	4.3	8.7	13.0	17.4	21.7	104.0	10-3/8	3-3/4	7-3/4
0213-1												

STANDARD EQUIPMENT: 0212-1: Variable speed 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). 0213-1: Same as 0212-1 plus Driver/Drill Bit Set No. 48-30-0101 and Carrying Case.

TWO SPEED MODELS—350 AND 750 RPM

0209-1 (INCLUDES DRIVER/DRILL AND BATTERY PACK ONLY)

0210-1 (INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)

0211-1 (INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER AND CARRYING CASE)

FEATURES

- REVERSING
- 4 POSITION ADJUSTABLE CLUTCH
- CHUCK KEY SECURED IN BUILT-IN KEY HOLDER

ACCESSORIES

AS DESCRIBED AND SHOWN ABOVE:

BATTERY PACK NO. 48-11-0080

BATTERY CHARGER NO. 48-59-0160

CIGARETTE LIGHTER TYPE

BATTERY CHARGER NO. 48-59-0161

HOLSTER NO. 49-17-0240

DRIVER/DRILL BIT SET NO. 48-30-0101



CARRYING CASE
NO. 48-55-0792

Hi-impact, rust-proof polyethylene. Separate compartments for extra battery pack, bit, drill storage.



SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM		MAXIMUM TORQUE RANGE (IN./LBS.)				LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
				POSITION 1	POSITION 2	POSITION 3	POSITION 4			
0209-1	9.6	750	350	8.7	15.2	21.7	86.8	8-3/4	3-1/2	5
0210-1										7-1/2
0211-1										9-3/4

STANDARD EQUIPMENT: 0209-1: Same as 0210-1 except without battery charger. 0210-1: 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, one #2 Phillips Bit, Chuck and Key No. 48-66-0817 (Key only is No. 48-66-3350). 0211-1: Same as 0210-1 plus carrying case.



3/8"

9.6 VOLTS

HEAVY-DUTY CORDLESS HIGH-TORQUE DRIVER/DRILL

1 HOUR FAST CHARGE

TWO SPEED MODEL—350 AND 1000 RPM

- **High-Torque**—143 inch pounds, max. in low speed transmitted through smooth operating Planetary Gears
- **Two Speed Slide Switch**
- **Reversing**
- **Compact Design**
- **Excellent Balance**
- **6 Position Adjustable Clutch**

Allows operator to adjust torque settings for specific applications.

- Pos. 1 = 11 in./lbs.
- Pos. 2 = 18 in./lbs.
- Pos. 3 = 25 in./lbs.
- Pos. 4 = 32 in./lbs.
- Pos. 5 = 39 in./lbs.
- Pos. 6 = 143 in./lbs.



(INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER) **0216-1**



ACCESSORIES



BATTERY PACK
NO. 48-11-0080



BATTERY CHARGER
NO. 48-59-0160

(INCLUDES DRIVER/DRILL, BATTERY PACK, CHARGER, CARRYING CASE AND DRIVER/DRILL BIT SET NO. 48-30-0101.) **0217-1**

NEW

HOLSTER
NO. 49-17-0240



DRIVER/DRILL BIT SET
NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0161

For charging No.48-11-0080 Battery Pack on standard 12 V auto cigarette lighter receptacle.

CARRYING CASE
NO. 48-55-0799



SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	HIGH	LOW	MAXIMUM TORQUE RANGE (IN./LBS.)						LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
					POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6			
0216-1	9.6	1000	350		11	18	25	32	39	143	8-1/8	3-1/2	7-1/2
0217-1													9-3/4

STANDARD EQUIPMENT, 0216-1: Two speed 3/8" Driver/Drill, 9.6 volt battery pack No. 48-11-0080, 120 volt AC one hour battery charger No. 48-59-0160, Chuck and Key No. 48-66-0818 (Key only is No. 48-66-3470).

0217-1: Same as 0216-1 plus Driver/Drill Bit Set No. 48-30-0101 and Carrying Case No. 48-55-0799.

SEE PAGE 22 FOR CORDLESS SCREWDRIVER

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



3/8"
7.2 VOLTS

HEAVY-DUTY CORDLESS DRIVER/DRILLS

1 HOUR FAST CHARGE

VARIABLE SPEED MODEL—100 THRU 600 RPM

0214-1 (INCLUDES DRIVER/DRILL, BATTERY PACK AND CHARGER)

FEATURES

- REVERSING
- 6 POSITION ADJUSTABLE CLUTCH
- SCREWDRIVER BIT AND CHUCK KEY HOLDER LOCATED IN BOTTOM OF HANDLE

EXCLUSIVE

ELECTRONIC FEEDBACK SYSTEM MAINTAINS A CONSTANT SPEED UNDER VARIOUS LOADS

ACCESSORIES



BATTERY
NO. 48-11-0120



BATTERY CHARGER
NO. 48-59-0200

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0201
CARRYING CASE
NO. 48-55-0793

HOLSTER
NO. 49-17-0255
DRIVER/DRILL BIT SET
NO. 48-30-0101

SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM		MAXIMUM TORQUE RANGE (IN./LBS.)						LENGTH (INS.)	WGT. (LBS.)	SHP. WGT. (LBS.)
		HIGH	LOW	POSITION 1	POSITION 2	POSITION 3	POSITION 4	POSITION 5	POSITION 6			
0214-1	7.2	100-600		4.3	8.6	13.0	17.3	21.6	42.8	12-1/4	2-1/4	5-1/2

STANDARD EQUIPMENT: 0214-1: Driver/Drill, 7.2 volt battery pack No. 48-11-0120, 120 V AC one hour battery charger No. 48-59-0200, one phillips bit No. 48-32-1060, one slotted bit No. 48-32-0420 and chuck and key No. 48-66-0817. (Key only is No. 48-66-3350.)

HEAVY-DUTY CORDLESS SCREWDRIVERS

FEATURE 1 HOUR FAST CHARGE

REVERSING

2.4 VOLTS

6539-1 (INCLUDES SCREWDRIVER, BATTERY PACK AND CHARGER)
190 RPM

6540-1 (INCLUDES SCREWDRIVER, BATTERY PACK, CHARGER, CHUCK ATTACHMENT, DRIVER/DRILL BIT SET NO. 48-30-0101, CARRYING CASE)
190 RPM

6546-1 **2 SPEED: HIGH 400 RPM LOW 200 RPM**
(INCLUDES SCREWDRIVER, BATTERY PACK AND CHARGER)

NEW

2 SPEED SELECTION SWITCH



2.4 VOLT BATTERY PACK
NO. 48-11-0100

ONE HOUR—120V BATTERY CHARGER
NO. 48-59-0180

CARRYING CASE
NO. 48-55-0798

Hi-impact, rustproof polyethylene. Separate compartments for extra battery pack, bit, drill storage.

MAXIMUM TORQUE SPECIFICATIONS

CATALOG NUMBER	POSITION	MAX. TORQUE IN.-LBS.
6539-1 and 6540-1	1-2	5
	3-4	12
	4-5	16
	6	22
6546-1	1-2	3.5
	3-4	10.5
	4-5	17.5
	6	22

SCREWDRIVER BITS▲
NO. 48-30-0500 Slotted
NO. 48-30-1510 #1 Phillips
NO. 48-30-1525 #2 Phillips
▲ Included in charger No. 48-59-0180



DRIVER/DRILL BIT SET

NO. 48-30-0101
For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits. Included as Standard Equipment with Model 6540-1.

1/4" CHUCK ATTACHMENT WITH KEY NO. 49-22-1560

A valuable item for drilling applications. Included as Standard Equipment with Model 6540-1.



SPECIFICATIONS

CATALOG NUMBER	VOLTS DC	SPEED (NO LOAD) RPM	DIAMETER (INS.)	LENGTH (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6539-1 REV.	2.4	190	1.4	9	.875	2.75
6540-1 REV.	2.4	190	1.4	9	.875	4.8
6546-1 REV.	2.4	400/200	1.4	9-3/8	.875	2.75

"REV." after Cat. No. indicates reversing type motor.

STANDARD EQUIPMENT: 6539-1: Screwdriver, 2.4 volt battery pack No. 48-11-0100, 120 volt AC one hour battery charger No. 48-59-0180 with 2 phillips and one slotted bit.
6540-1: Same as 6539-1 plus 1/4" Chuck Attachment with Key No. 49-22-1560, Driver/Drill Bit Set No. 48-30-0101 and Carrying Case No. 48-55-0798.
6546-1: Two speed Screwdriver, 2.4 volt battery pack No. 48-11-0100, 120 volt AC one hour battery charger No. 48-59-0180 with 2 Phillips and 1 slotted bit.

CIGARETTE LIGHTER TYPE BATTERY CHARGER
NO. 48-59-0181
For charging No. 48-11-0100 Battery Pack on standard 12V auto cigarette lighter receptacle.



SCREWDRIVER HOLSTER
NO. 49-17-0250



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY 6-1/4" CORDLESS CIRCULAR SAW

12 VOLTS
3400 RPM

SAW OVER 80 PIECES 2" x 4" — *PER BATTERY CHARGE UNINTERRUPTED SAWING

- SAW 50' 5/8" PARTICLE BOARD*
- SAW 70' 1/2" PLYWOOD*
- SAW 80' 1" x 6" PINE*

LIGHTWEIGHT

Only 8 lbs. with battery (which is about 4 lbs. lighter than a typical 120 Volt saw).

TOUGH, HI-IMPACT HOUSING

Advanced hi-impact, polycarbonate material, structurally designed with special reinforcement at stress points will take the abuse of construction site activity.

SPECIFICATIONS

CATALOG NUMBER	BLADE SIZE	VOLTS†	NO LOAD SPEED (RPM)	SAW BLADE	DEPTH ADJUSTMENT AT 90°	MITER CUTS	NET WEIGHT (LBS.)	SHP. WEIGHT (LBS.)
6305	6-1/4"	12	3400	Carbide Tipped	1/8" to 2-1/4"	45° to 90°	8	14

Battery Charger: 1 Hour recharging time with indicator light. † Battery: 12 Volt Sealed Lead Acid Construction. Battery capacity 2.9 Ah.

6305



DEPTH ADJUSTMENT
From 1/8" to 2-1/4" at 90°.

ACCURATE ANGLE ADJUSTMENT
From 45° thru 90°. Cuts through a 2 x 4 at 45°.



STANDARD EQUIPMENT

BATTERY CHARGER

NO. 48-59-0190

Fast one hour recharging time with indicator light. 120 Volt. Measures 10" x 2-1/2" x 3-5/8".



BATTERY

NO. 48-11-0110

12 Volt (Sealed Lead Acid Construction). Powerful, extra long life (200+ charging cycles). Capacity 2.9 Ah. Measures 4" x 2" x 3-1/4".



6-1/4" CIRCLE SAW BLADE

Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing. Carbide tipped for longer life.

RIP GUIDE

NO. 49-02-0110

SPANNER WRENCH

NO. 49-96-7620

1/2" HEX BLADE WRENCH

NO. 49-96-0340



ACCESSORIES

6-1/4" CARBIDE TIPPED CIRCLE SAW BLADES. Specially designed for use with MILWAUKEE Cordless 6-1/4" Circular Saw. Unique "thin line" design for fast efficient sawing. Carbide tipped for longer life.

NOTE: USE ONLY THESE SPECIAL MILWAUKEE BLADES WITH THIS SAW. SUBSTITUTES MAY CAUSE INJURY OR DAMAGE TO THE TOOL.



WOOD CUTTING
SMOOTH FINISH 30 TOOTH
NO. 48-40-3601



METAL CUTTING
50 TOOTH
NO. 48-40-3605

STEEL CARRYING CASE
NO. 48-55-1140



IDEAL FOR
ONE PIECE
STEEL HAWG™
CUTTER APPLICATIONS

* 1/2" shank Steel Haws™ Cutters in sizes 11/16" thru 1-1/2". Cut holes in metal up to 1/2" thick. Ideal even for Stainless Steel. See page 42.



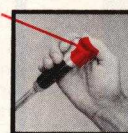
HEAVY-DUTY DRILL STANDS

FOR PRECISION DRILL PRESS OPERATIONS

- FAST MOUNTING OR REMOVAL OF DRILLS
- HEAVY-DUTY CONSTRUCTION
- CAST HOLES IN BENCH BASE FOR PERMANENT MOUNTING
- USE AS A PORTABLE DRILL PRESS BY USING EITHER BENCH BASE OR PIPE CLAMP BASE

PUSH BUTTON MOTOR CONTROL

Handy thumb push button gives operator complete "hands on" drilling control. Maintaining drilling pressure on lever and activating push button switch with one hand frees other hand for oiling during a steel drilling operation. Complete control is possible without having to reach for a separate switch.



3550

BENCH BASE
DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL
1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 14 LBS.
SHP. WGT. 18.5 LBS.



2 MANUAL FEED RATES

With the link in the back position, the slide has approximately 2-1/2 inches of travel. When the link is shifted to the forward position, the slide has approximately 1-5/8 inches of travel, but allows the drill stand to be used with 40% less effort. This is desirable when drilling in hard materials or when many holes must be drilled in succession.



3570

PIPE CLAMP BASE
DRILL STAND
120 VOLTS AC
10 AMPS MAX.
MAX. LENGTH OF TRAVEL
1-5/8" OR 2-1/2"
LENGTH OF COLUMN 22"
NET WGT. 18 LBS.
SHP. WGT. 22.5 LBS.



VERSATILE ACCEPTS 13 MILWAUKEE HOLE-SHOOTERS

MAGNUM®	"D" HANDLE	COMPACT
0124-1	1001-1	1007-1
0224-1	1101-1	1107-1
0234-1	1201-1	1250-1
0244-1		1660-1

RECOMMENDED DRILL CAPACITIES

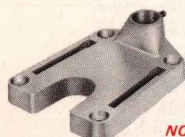
CAT. NO.	NO. LOAD RPM	STEEL			WOOD		
		STEEL HAWG™ CUTTERS (INCHES)	TWIST DRILL (INCHES)	HOLE SAW (INCHES)	TWIST DRILL (INCHES)	HOLE SAW (INCHES)	FLAT BIT BORING (INCHES)
0124-1	0 2000 *	—	1/4	7/8	1/4	1 1/2	1 1/2
0224-1	0 1200 *	—	3/8	7/8	3/8	2	1 1/2
0234-1	0 850 *	1 1/8	1/2	1 3/8	1/2	3 1/4	1 1/2
0244-1	0 600 *	1 1/8	1/2	1 1/2	1/2	3 1/2	1 1/2
1001-1	600	1 1/2	1/2	1 3/8	1/2	2 3/4	1 1/2
1007-1	0 600 *	1 1/2	1/2	1 3/8	1/2	2 3/4	1 1/2
1101-1	500	1 1/2	1/2	1 3/4	1/2	3 7/8	1 1/2
1107-1	0 500 *	1 1/2	1/2	1 3/4	1/2	3 7/8	1 1/2
1201-1	350	1 1/2	1/2	1 7/8	1/2	3 7/8	1 1/2
1250-1	950	1 1/2	1/2	1 3/8	1/2	2	1 1/2
1610-1	650	1 1/2	1/2	2 1/4	1/2	3 1/2	1 1/2
1630-1	900	1 1/2	1/2	1 3/4	1/2	3	1 1/2
1660-1	450	1 1/2	1/2	2 5/8	1/2	4 1/2	1 1/2

* IN APPLICATION - VARIABLE SPEED SWITCH IS LOCKED IN FULL NO. LOAD RPM

BASES

NOTE: BASES ARE INTERCHANGEABLE WITH EITHER STAND

PIPE CLAMP BASE



BENCH BASE
NO. 48-10-0100
(Standard Equip. with STAND NO. 3550)

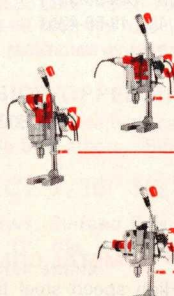
NO. 48-10-0120
(Standard Equip. with STAND NO. 3570)

ACCESSORIES

NOTE: ALL ACCESSORIES SHOWN BELOW ARE STANDARD EQUIPMENT WITH EITHER DRILL PRESS

NO. 49-96-0060 1/8" Hex. Socket Wrench
NO. 49-96-0080 3/16" Hex. Socket Wrench
NO. 49-96-0100 1/4" Hex. Socket Wrench
NO. 23-78-0150 Tie Strap

NO. 42-04-0630 Clamp Adapter for Compact Drills
NO. 42-04-0640 Adapter Ring for Magnum and "D" Handle Drills
NO. 42-04-0650 Adapter Ring for Compact Drills



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY BI-METAL* HOLE SAWS

3 TYPES: ALL SHATTER RESISTANT

MILWAUKEE Holes Saws provide an economical means of extending the useful range of portable drills, drill presses and lathes. High speed cutting edges welded to steel bodies produce clean, accurate holes. Shatter-resistant construction makes them safe to use and provides an extra margin of durability.



CARBIDE-TIPPED

MILWAUKEE carbide-tipped Hole Saws provide longer life and faster cutting. **Not recommended for metal.**

CUT TO
1-1/4"
DEPTH

- CUTS CERAMIC TILE
- FLAKEBOARD
- FIBERBOARD
- FIBERGLASS
- WOOD



HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
5/8"	49-56-0623			1/4"
3/4"	49-56-0753	49-56-6950	3/8"	1/2"
7/8"	49-56-0873	49-56-6960	1/2"	5/8"
1"	49-56-1003	49-56-7000		3/4"
1-1/8"	49-56-1123		3/4"	3/4"
1-1/4"	49-56-1253			1"
1-3/8"	49-56-1373		1"	1-1/4"
1-1/2"	49-56-1503			1-1/4"
1-5/8"	49-56-1623	49-56-6970	1-1/4"	1-1/2"
1-3/4"	49-56-1753		1-1/2"	
1-7/8"	49-56-1873			
2"	49-56-2003			
2-1/8"	49-56-2123			2"
2-1/4"	49-56-2253			2"
2-3/8"	49-56-2373			
2-1/2"	49-56-2503	49-56-7055	2"	2"
2-5/8"	49-56-2623	49-56-7130		
2-3/4"	49-56-2753	49-56-7140		
2-7/8"	49-56-2873			
3"	49-56-3003		2-1/2"	2-1/2"
3-1/4"	49-56-3253			
3-1/2"	49-56-3503			
3-3/4"	49-56-3753			
4"	49-56-4003			
4-1/4"	49-56-4253		3-1/2"	4"
4-1/2"	49-56-4503		4"	4"
5"	49-56-5003			
6"	49-56-6003			

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

DEEP CUTTING AND STANDARD BI-METAL CONSTRUCTION*

MILWAUKEE high speed steel Hole Saws are high production tools designed for cutting all machineable materials, including steel, aluminum, copper, brass, sheet metal, stainless steel, wood or plastics. Available in deep cutting and standard depth versions.

DEEP
CUTTING
CUT TO
1-3/4"
DEPTH



HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
5/8"	49-56-0623			1/4"
3/4"	49-56-0753	49-56-6950	3/8"	1/2"
7/8"	49-56-0873	49-56-6960	1/2"	5/8"
1"	49-56-1003	49-56-7000		3/4"
1-1/8"	49-56-1123		3/4"	3/4"
1-1/4"	49-56-1253			1"
1-3/8"	49-56-1373		1"	1-1/4"
1-1/2"	49-56-1503	49-56-6970	1-1/4"	1-1/2"
1-3/4"	49-56-1753		1-1/2"	
2"	49-56-2003	49-56-7055	1-1/2"	
2-1/4"	49-56-2253	49-56-7130		2"
2-1/2"	49-56-2503	49-56-7140	2"	2"
3"	49-56-3003		2-1/2"	2-1/2"
3-3/8"	49-56-3373			3"
4-1/4"	49-56-4253			4"

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

* BI-METAL CONSTRUCTION

High speed steel teeth welded to a steel body will cut faster, last many times longer than ordinary steel hole saws.

STANDARD CUT TO 1-1/4" DEPTH BI-METAL CONSTRUCTION*

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE EN-TRANCE SIZE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0560			1/8"
5/8"	49-56-0620			1/4"
11/16"	49-56-0680			3/8"
3/4"	49-56-0750		3/8"	1/2"
13/16"	49-56-0810	49-56-6950		1/2"
7/8"	49-56-0870	49-56-6960	3/4"	5/8"
15/16"	49-56-0930	49-56-7000		3/4"
1"	49-56-1000			
1-1/16"	49-56-1060			
1-1/8"	49-56-1120		1"	3/4"
1-3/16"	49-56-1180			
1-1/4"	49-56-1250			1"
1-5/16"	49-56-1310			
1-3/8"	49-56-1370		1"	
1-7/16"	49-56-1430			
1-1/2"	49-56-1500		1-1/4"	1-1/4"
1-9/16"	49-56-1560	49-56-6970		
1-5/8"	49-56-1620			
1-11/16"	49-56-1680		1-1/2"	1-1/4"
1-3/4"	49-56-1750			
1-13/16"	49-56-1810			
1-7/8"	49-56-1870			
2"	49-56-2000		1-1/2"	
2-1/16"	49-56-2060			
2-1/8"	49-56-2120			
2-1/4"	49-56-2250		2"	2"
2-5/16"	49-56-2310			
2-3/8"	49-56-2370			
2-1/2"	49-56-2500		2"	2"
2-9/16"	49-56-2560	49-56-7055		
2-5/8"	49-56-2620	49-56-7130	2-1/2"	
2-3/4"	49-56-2750	49-56-7140		
2-7/8"	49-56-2870			
3"	49-56-3000		2-1/2"	2-1/2"
3-1/8"	49-56-3120			
3-1/4"	49-56-3250		3"	
3-3/8"	49-56-3370			
3-1/2"	49-56-3500			
3-5/8"	49-56-3620		3"	
3-3/4"	49-56-3750		3-1/2"	
3-7/8"	49-56-3870			3-1/2"
4"	49-56-4000			
4-1/8"	49-56-4120		3-1/2"	3-1/2"
4-1/4"	49-56-4250		4"	3-1/2"
4-3/8"	49-56-4370			
4-1/2"	49-56-4500		4"	4"
4-3/4"	49-56-4750			
5"	49-56-5000			
5-1/2"	49-56-5500			5"
6"	49-56-6000			

SEE PAGE 25 FOR ARBORS, ORDER ARBORS SEPARATELY

HEAVY-DUTY 4/6* SUPER-TOUGH™ BI-METAL HOLE SAWS

FOR GENERAL CONSTRUCTION, PLUMBING, ELECTRICAL, MAINTENANCE

BI-METAL CONSTRUCTION

HIGH SPEED STEEL TEETH WELDED TO A STEEL BODY

* 4/6 Teeth: A multiple tooth design with varying tooth sets and gullet depths. Deeper gullets provide more efficient chip clearance with less heat build-up. Requires lower feed pressure—ideal for the higher rpm of portable drills.

- 1-1/4" CUTTING DEPTH
- FASTER, AGGRESSIVE CUTTING
- SHATTER RESISTANT
- LESS VIBRATION
- SMOOTHER CUTS
- LONGER LIFE

NEW

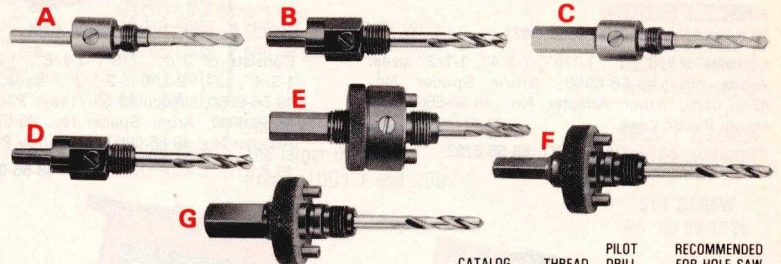
**GUARANTEED TO OUTCUT
STANDARD BI-METAL OR HIGH
SPEED STEEL HOLE SAWS
IN WOOD, COMPOSITION
MATERIALS, STEEL**

HOLE DIA. SIZE	CATALOG NUMBER	USE WITH ARBOR NO.	PIPE SIZES PIPE TAP	PIPE EN- TRANCE	FOR COPPER PIPE SIZE (I.D.)
9/16"	49-56-0005				1/8"
5/8"	49-56-0010				1/4"
11/16"	49-56-0015				3/8"
3/4"	49-56-0020			3/8"	1/2"
13/16"	49-56-0025	49-56-6950			1/2"
7/8"	49-56-0030	49-56-6960	3/4"	1/2"	5/8"
15/16"	49-56-0035	49-56-7000			
1"	49-56-0040				3/4"
1-1/16"	49-56-0045				
1-1/8"	49-56-0050		1"	3/4"	3/4"
1-3/16"	49-56-0055				
1-1/4"	49-56-0060				1"
1-5/16"	49-56-0065				
1-3/8"	49-56-0070			1"	
1-7/16"	49-56-0075				
1-1/2"	49-56-0080		1-1/4"		1-1/4"
1-9/16"	49-56-0085	49-56-6970			
1-5/8"	49-56-0090				
1-11/16"	49-56-0095				
1-3/4"	49-56-0100		1-1/2"	1-1/4"	1-1/2"
1-13/16"	49-56-0105				
1-7/8"	49-56-0110				
2"	49-56-0115			1-1/2"	
2-1/16"	49-56-0120				
2-1/8"	49-56-0125				
2-1/4"	49-56-0130		2"		2"
2-5/16"	49-56-0135				
2-3/8"	49-56-0140				
2-1/2"	49-56-0145			2"	2"
2-9/16"	49-56-0150	49-56-7055			
2-5/8"	49-56-0155	49-56-7130	2-1/2"		
2-3/4"	49-56-0160	49-56-7140			
2-7/8"	49-56-0165				
3"	49-56-0170			2-1/2"	2-1/2"
3-1/8"	49-56-0175				
3-1/4"	49-56-0180			3"	
3-3/8"	49-56-0185				
3-1/2"	49-56-0190				
3-5/8"	49-56-0195				3"
3-3/4"	49-56-0200		3-1/2"		
3-7/8"	49-56-0205				3-1/2"
4"	49-56-0210				
4-1/8"	49-56-0215			3-1/2"	3-1/2"
4-1/4"	49-56-0220		4"	3-1/2"	4"
4-3/8"	49-56-0225				
4-1/2"	49-56-0230			4"	4"
4-3/4"	49-56-0235				
5"	49-56-0240				
5-1/2"	49-56-0245				5"
6"	49-56-0250				

THREAD SIZE: Sizes 9/16" thru 1-3/16" is 1/2-20. Sizes 1-1/4" thru 6" is 5/8-18.

ARBORS PILOT DRILLS EXTENSIONS

ARBORS AND HOLE SAWS ARE INTERCHANGEABLE WITH MOST OTHER BRANDS



A 1/4" ROUND SHANK

Drill chucks onto pilot drill. For small hole saws in lightweight materials and wood. *

49-56-6950 1/2"-20 1/4" 9/16" thru 1-3/16"

B 1/4" SHANK WITH 3 FLATS

Three milled flats prevent slipping in chuck. For small hole saws in medium weight materials and wood.

49-56-6960 1/2"-20 1/4" 9/16" thru 1-3/16"

C 7/16" HEX SHANK

Hex shank prevents slipping in chuck. For use with small hole saws in 1/2" and larger drills in medium to heavy weight materials.

49-56-7000 1/2"-20 1/4" 9/16" thru 1-3/16"

D 1/4" SHANK WITH 3 FLATS

Three milled flats prevent slipping in chuck. For use with 1-1/4" to 2" hole saws in medium to heavy weight materials.

49-56-6970 5/8"-18 1/4" 1-1/4" thru 2"

E QUICK CHANGE 7/16" HEX SHANK

Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.

49-56-7055 5/8"-18 1/4" 1-1/4" and larger

F ECONOMICAL QUICK CHANGE 7/16" HEX SHANK

Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.

49-56-7140 5/8"-18 1/4" 1-1/4" and larger

G ECONOMICAL QUICK CHANGE 5/8" HEX SHANK

Hex shank prevents slipping in chuck. Pin drive construction permits fast interchanging of hole saws without removing arbor from chuck.

49-56-7130 5/8"-18 1/4" 1-1/4" and larger

* Arbor Adapter 49-56-6560, Arbor Spacer 49-67-0120 Available for use thru 1-1/2" Hole Saw.

PILOT DRILLS 1/4" HIGH SPEED PILOT DRILLS

- (A) NO. 49-56-8000 For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140. For general cutting of wood and metal.
- (B) NO. 49-56-8002 With 1/4" fluting for light gauge metals. For use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.
- (C) NO. 49-56-8003 For use with Hole Saw arbors 49-56-6960 and 49-56-6970. For general cutting of wood and metal.

1/4" CARBIDE-TIPPED PILOT DRILL

NO. 49-56-8005 For use with carbide-tip Hole Saws when drilling ceramic tile. Use with Hole Saw arbors, 49-56-6950, 49-56-7000, 49-56-7055, 49-56-7130, 49-56-7140.

ONE PIECE 7/16" HEX EXTENSION SHANKS

For Hole Saws, Selffeed Bits and Auger Bits (1" dia. and larger) with 7/16" hex shank.

CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SEE PAGE 26 FOR HOLE SAW KITS



HEAVY-DUTY HOLE SAW KITS

IDEAL CUTTING TOOLS POPULAR SIZES CONVENIENT STORAGE UNITS

NEW



1-1/4"
CUTTING
DEPTH

7 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4071

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950, Arbor Spacer No. 49-67-0120, Arbor Adapter No. 49-56-6560 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0782

NEW



1-1/4"
CUTTING
DEPTH

13 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4066

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2", sizes. Arbors No. 49-56-6950, No. 49-56-7140, Pilot Drill No. 49-56-8000, Arbor Spacer No. 49-67-0120, Arbor Adapter No. 49-56-6560 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0781

NEW



1-1/4"
CUTTING
DEPTH

17 PIECE 4/6 TOOTH HOLE SAW KIT NO. 49-22-4086

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3" sizes. Arbors No. 49-56-7000, 49-56-7140, 3 Pilot Drills No. 49-56-8000 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0784

1-1/4"
CUTTING
DEPTH



7 PIECE CARBIDE TIPPED HOLE SAW KIT NO. 49-22-4075

(Not for
Metal Cutting)

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950, Arbor Adapter No. 49-56-6560, Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0783

1-3/4"
CUTTING
DEPTH



DEEP CUTTING HOLE SAW KIT NO. 49-22-4060

Consists of 1", 1-1/4", 1-1/2", 1-3/4", 2-1/4", 3", 3-3/8" sizes, Arbor Nos. 49-56-7000 and 7140 and Steel Case.

STEEL CASE ONLY NO. 48-55-0760

1-1/4"
CUTTING
DEPTH



STANDARD HOLE SAW KIT NO. 49-22-4050

Consists of 7/8", 1-1/8", 1-1/2", 1-3/4", 2", 2-1/2" sizes. Arbor Nos. 49-56-7000 and 7140 and Steel Case.

STEEL CASE ONLY NO. 48-55-0760

1-1/4"
CUTTING
DEPTH



7 PIECE HOLE SAW KIT NO. 49-22-4070

Consists of 7/8", 1", 1-1/8", 1-1/4", 1-1/2" sizes. Arbor No. 49-56-6950. Arbor Adapter No. 49-56-6560. Arbor Spacer No. 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0782

1-1/4"
CUTTING
DEPTH



13 PIECE HOLE SAW KIT NO. 49-22-4065

Consists of 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4", 2-1/2" sizes. Arbor Nos. 49-56-7140, 49-56-6950, Pilot Drill No. 49-56-8000. Arbor Adapter No. 49-56-6560, Arbor Spacer 49-67-0120 and sturdy Plastic Case.

PLASTIC CASE ONLY
NO. 48-55-0781

1-1/4"
CUTTING
DEPTH



17 PIECE HOLE SAW KIT NO. 49-22-4085

Consists of 5/8", 3/4", 7/8", 1", 1-1/8", 1-1/4", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/2", 3" sizes. Arbors Nos. 49-56-7140, 49-56-7000. 3 of No. 49-56-8000 Pilot Drills and sturdy Plastic Case.

PLASTIC CASE ONLY NO. 48-55-0784

4/6 TOOTH HOLE SAW MERCHANDISER NO. 49-22-4200

Compact 28-1/4" high x 24" wide PLAN-O-GRAM pegboard display, mounts on your pegboard. Complete with 18 sizes of MILWAUKEE's most popular 4/6 Tooth Hole Saws. 3 Arbors, 2 Pilot Drills and one 12" Extension also included. See table at right.

CATALOG NUMBER	DESCRIPTION
49-56-0010	5/8"
49-56-0020	3/4"
49-56-0030	7/8"
49-56-0040	1"
49-56-0045	1-1/16"
49-56-0050	1-1/8"
49-56-0055	1-3/16"
49-56-0060	1-1/4"
49-56-0070	1-3/8"
49-56-0080	1-1/2"
49-56-0090	1-5/8"
49-56-0100	1-3/4"
49-56-0110	1-7/8"
49-56-0115	2"
49-56-0125	2-1/8"
49-56-0130	2-1/4"
49-56-0140	2-3/8"
49-56-0145	2-1/2"
49-28-4005	12" Extension
49-56-8000	(2) Pilot Drills
49-56-6950	1/4" Arbor
49-56-7000	7/16" Arbor
49-56-7055	7/16" Quick Change Arbor

STANDARD HOLE SAW AND ARBOR MERCHANDISER NO. 49-22-4121

Space saving wall or counter display measures only 27" high x 22" wide x 6" deep. Hole saws and accessories conveniently snap in and out. Complete with one each of 33 of the most popular Standard Depth Hole Saws, 4 Arbors and a 12" One Piece Extension.

CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION	CATALOG NUMBER	DESCRIPTION
49-56-0620	5/8"	49-56-1750	1-3/4"	49-56-3500	3-1/2"
49-56-0680	11/16"	49-56-1870	1-7/8"	49-56-3620	3-5/8"
49-56-0750	3/4"	49-56-2000	2"	49-56-3750	3-3/4"
49-56-0870	7/8"	49-56-2060	2-1/16"	49-56-4000	4"
49-56-0930	15/16"	49-56-2120	2-1/8"	49-56-4250	4-1/4"
49-56-1000	1"	49-56-2250	2-1/4"	49-56-6950	Arbor
49-56-1060	1-1/16"	49-56-2370	2-3/8"	49-56-7000	Arbor
49-56-1120	1-1/8"	49-56-2500	2-1/2"	49-56-7130	Arbor
49-56-1180	1-3/16"	49-56-2620	2-5/8"	49-56-7140	Arbor
49-56-1250	1-1/4"	49-56-2750	2-3/4"	48-28-4005	12"
49-56-1310	1-5/16"	49-56-2870	2-7/8"		
49-56-1370	1-3/8"	49-56-3000	3"		One Piece Extension Coupling
49-56-1500	1-1/2"	49-56-3120	3-1/8"		
49-56-1620	1-5/8"	49-56-3250	3-1/4"		

HOLE SAWS & ARBORS



NEW





HEAVY-DUTY DRILL ACCESSORIES

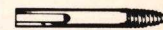
SELFEEED BITS • FASTER CUTTING • IMPROVED BALANCE • REDUCED RUNOUT



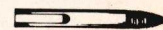
All sizes have removable and replaceable feed screws.

Two feed screws furnished with each bit — Regular and Coarse feed screws permit selecting the right feed for the material you're drilling. Coarse feed screw provides fast effortless feeding even in gummy woods. Inside cutting plane shaves hole radius for clean smooth holes without pressure.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-1001	1" dia.	3 Milled Flats	For 1/2" and larger drills	1/2"
48-25-1121	1-1/8" dia.	3 Milled Flats		3/4"
48-25-1251	1-1/4" dia.	3 Milled Flats		
48-25-1371	1-3/8" dia.	3 Milled Flats		
48-25-1501	1-1/2" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills	1"
48-25-1751	1-3/4" dia.	3 Milled Flats		1"
48-25-2001	2" dia.	3 Milled Flats		1-1/2"
48-25-2121	2-1/8" dia.	3 Milled Flats		
48-25-2251	2-1/4" dia.	3 Milled Flats	For 1/2" D-Handle drills and larger drills except 1001-1 and 1007-1	2"
48-25-2561	2-9/16" dia.	3 Milled Flats		



**FEED SCREW
COARSE THREAD
NO. 48-28-6870**



**FEED SCREW
REGULAR THREAD
NO. 48-28-6875**

**SOCKET WRENCH
NO. 49-96-0060**

**SET SCREW
NO. 06-83-2625**

LARGE SELFEEED BITS



**Large
SELFEEED BITS**

in 3", 3-5/8" and 4-5/8" sizes have double inside cutter blades that shave hole radius for clean smooth holes without pressure. Two feed screws furnished with each bit.

CATALOG NUMBER	DESCRIPTION	SHANK TYPE	RECOMMENDED USE WITH DRILL MODELS	FOR STD. PIPE SIZES
48-25-3001	3" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-3621	3-5/8" dia.	3 Milled Flats	1675-1, 1700-1 and larger	3"●
48-25-4621	4-5/8" dia.	3 Milled Flats	1675-1, 1750-1 and larger	4"●
48-07-0201	Replaceable Arbor			
48-28-6880	Feed Screw			
49-96-0070	Socket Wrench			
06-83-3150	Set Screw			

● Cast Iron or Copper Pipe Size

ONE PIECE 7/16" HEX SHANK EXTENSION SHANKS

FOR SELFEEED BITS, AUGER BITS AND HOLE SAWS (1" DIA. AND LARGER) WITH 7/16" HEX SHANK.



CATALOG NUMBER	LENGTH	REPLACEMENT SET SCREW CATALOG NO.	REPLACEMENT SOCKET WRENCH CATALOG NO.
48-28-4000	5-1/2"	06-83-2620	49-96-0060
48-28-4005	12"	06-83-2620	49-96-0060
48-28-4010	18"	06-83-2620	49-96-0060
48-28-4015	24"	06-83-2620	49-96-0060

SELFEEED BIT MERCHANDISER

NO. 49-22-0111

CATALOG NUMBER	SIZE	NUMBER OF BITS
48-25-1001	1"	2
48-25-1121	1-1/8"	2
48-25-1251	1-1/4"	2
48-25-1371	1-3/8"	2
48-25-1501	1-1/2"	2
48-25-1751	1-3/4"	2
48-25-2001	2"	1
48-25-2121	2-1/8"	2
48-25-2251	2-1/4"	2
48-25-2561	2-9/16"	2



SELFEEED BIT DISPLAY

NO. 49-22-0112

Display plus one each of Selfeed Bits listed below.

- **COMPACT**, 25-1/2" x 11-1/2"
- **HANGS ON PEGBOARD**
Frees counter or floor space
- **ATTENTION GETTER**
Two color header
- **DISPLAYS 10 DIFFERENT BIT SIZES**

CATALOG NUMBER	SIZE
48-25-1001	1"
48-25-1121	1-1/8"
48-25-1251	1-1/4"
48-25-1371	1-3/8"
48-25-1501	1-1/2"
48-25-1751	1-3/4"
48-25-2001	2"
48-25-2121	2-1/8"
48-25-2251	2-1/4"
48-25-2561	2-9/16"

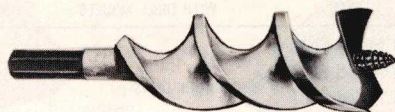
Convenient display can hang on perforated board or rest on counter tops. A sample of each bit size can be displayed for customer inspection. Large header sign and back panel provide information regarding different bits and accessories available. Holds up to 45 MILWAUKEE Selfeed Bits. Merchiser supplied with bits in ten different sizes.



HEAVY-DUTY DRILL ACCESSORIES

WOOD BORING BITS

HEAVY-DUTY AUGER BITS



4" TWIST 6-1/2" OVERALL LENGTH

Sizes from 3/4" to 1-1/2"...All 4" twist and 6-1/2" long. 7/16" hex shanks for sure chuck grip. Precision made of special bit steel, heat treated and tempered for long life. Feed screw pilot draws bit into wood. Cutting spurs and lips stay sharp longer.

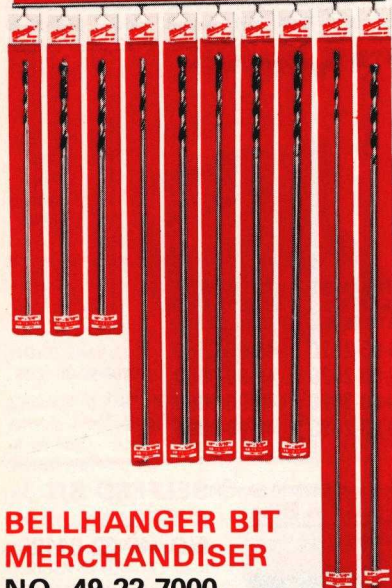
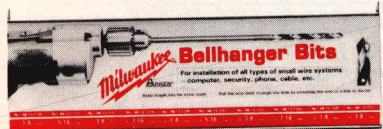
CATALOG NUMBER	DESCRIPTION	FOR STD. PIPE SIZES
48-13-0750	3/4" x 4" Twist	
48-13-0870	7/8" x 4" Twist	3/8"
48-13-1000	1" x 4" Twist	
48-13-1120	1-1/8" x 4" Twist	1/2"
48-13-1250	1-1/4" x 4" Twist	3/4"
48-13-1370	1-3/8" x 4" Twist	
48-13-1500	1-1/2" x 4" Twist	1"

HEAVY-DUTY BELLHANGER BITS



For installers of all types of small wire systems—computer, security, phone cable, etc. Extra length for extra reach. Pull the wire back through the hole by simply attaching a line or the wire to the bit.

DIAMETER	CATALOG NUMBER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
1/4"	48-13-7125	12"	5/16"	48-13-7231	18"
5/16"	48-13-7131	12"	3/8"	48-13-7237	18"
3/8"	48-13-7137	12"	7/16"	48-13-7243	18"
3/16"	48-13-7218	18"	1/4"	48-13-7325	24"
1/4"	48-13-7225	18"	3/8"	48-13-7337	24"



BELLHANGER BIT MERCHANDISER NO. 49-22-7000

Compact, attractive wall hanging or pegboard mounting merchandiser sells Bellhanger Bits to installers of all types of small wire systems. Bits are available in 3 lengths—12", 18" and 24" and 5 diameters from 3/16" to 7/16". The Bellhanger Bit Merchandiser displays all of the 10 different bit sizes offered and comes complete with 30 bits (3 each) as listed in the chart above.

PLUMBERS' BIT KIT NO. 49-22-0065



CONTRACTORS' BIT KIT NO. 49-22-0130



Complete assortment of the most commonly used MILWAUKEE bits for BIG HOLE drilling. Sizes include 7/8", 1-1/8", 1-1/4", 1-1/2". Auger Bits and famous MILWAUKEE "Selfeed" Bits in 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, one coarse and one regular feed screw pilot socket wrench, carrying case.

Complete assortment of the most commonly used MILWAUKEE Selfeed Bits for BIG HOLE drilling. Sizes include 1", 1-1/8", 1-1/4", 1-1/2", 1-3/4", 2-1/8", 2-9/16" diameters. Also 5-1/2" one piece—shank and coupling—extension, two extra feed screw pilots for each bit (one coarse and one regular), three socket wrenches and carrying case.



**CARRYING CASE
FOR CONTRACTORS'
AND PLUMBERS'
BIT KITS IS
HI-IMPACT
POLYETHYLENE
DOUBLE WALL
CONSTRUCTION
FOR FULL
BIT PROTECTION
(No Metal to
Metal Contact!)**

**CASE ONLY:
CONTRACTORS' KIT
NO. 48-55-0775
PLUMBERS' KIT
NO. 48-55-0790**



HEAVY-DUTY DRILL ACCESSORIES

HEAVY-DUTY ELECTRICIANS' BITS

ELECTRICIANS' BIT MERCHANDISER NO. 49-22-8000



6" TWIST

8-1/2" OVERALL LENGTH

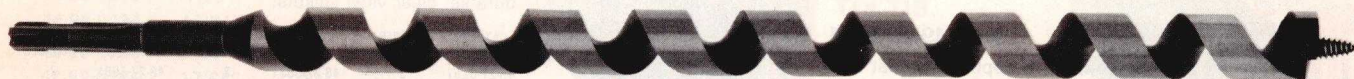
A fast spiral, two flute — six inch twist, self feeding bit for any tradesman needing a smooth, clean hole 5/8" to 1-1/4". 5/8" — 1" diameter bits have a 5/16" hex shank and 1-1/8" — 1-1/4" diameter bits have a 7/16" hex shank.

DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER
5/8"	48-13-8062	7/8"	48-13-8087
11/16"	48-13-8068	1"	48-13-8100
3/4"	48-13-8075	1-1/8"	48-13-8112
13/16"	48-13-8081	1-1/4"	48-13-8125

Space efficient, wall hanging or pegboard mounting merchandiser measures only 19" x 18". Electricians' Bits are all 8-1/2" long and are offered in 5/8" to 1-1/4" diameters. Merchandiser displays one each of the 8 different bit sizes offered in the chart at left.



HEAVY-DUTY SHIP AUGER BITS



3/8" SHANK

15" TWIST

18" OVERALL LENGTH



1/2" SHANK

15" TWIST

18" OVERALL LENGTH



1/2" SHANK

4" TWIST

6" OVERALL LENGTH

For all types of construction. Precision machined for smooth, wobble free boring. Large, wide throat design gives excellent chip clearance from deep holes. Selffeeding screw-point, with one cutting edge and side lip for fast, rough boring in wood. Hardened cutting edges require less resharpening. 3/8" shank Ship Auger bits can be used with 3/8" D-Handle drill and larger, also fits hand braces. 1/2" D-Handle drills and larger can use all 1/2" shank bits.

SHANK	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
3/8"	9/16"	48-13-0561	18"
3/8"	5/8"	48-13-0621	18"
3/8"	11/16"	48-13-0681	18"
3/8"	3/4"	48-13-0751	18"
3/8"	13/16"	48-13-0811	18"
3/8"	7/8"	48-13-0871	18"
3/8"	15/16"	48-13-0931	18"
3/8"	1"	48-13-1001	18"
1/2"	11/16"	48-13-0683	6"
1/2"	3/4"	48-13-0753	6"
1/2"	13/16"	48-13-0813	6"
1/2"	7/8"	48-13-0873	6"
1/2"	15/16"	48-13-0933	6"
1/2"	1"	48-13-1003	6"
1/2"	1-1/16"	48-13-1063	6"
1/2"	1-1/8"	48-13-1123	6"
1/2"	1-1/4"	48-13-1253	6"
1/2"	1-3/8"	48-13-1373	6"
1/2"	1-1/2"	48-13-1503	6"

SHANK	DIAMETER	CATALOG NUMBER	OVERALL LENGTH
1/2"	9/16"	48-13-5560●	18"
1/2"	5/8"	48-13-5620●	18"
1/2"	11/16"	48-13-5680●	18"
1/2"	3/4"	48-13-5750●	18"
1/2"	13/16"	48-13-5810●	18"
1/2"	7/8"	48-13-5870●	18"
1/2"	15/16"	48-13-5930●	18"
1/2"	1"	48-13-6000●	18"
1/2"	1-1/16"	48-13-6010●	18"
1/2"	1-1/8"	48-13-6120●	18"
1/2"	1-1/4"	48-13-6250●	18"
1/2"	1-3/8"	48-13-6370●	18"
1/2"	1-1/2"	48-13-6500●	18"

● One each included in merchandiser.

SHIP AUGER BIT MERCHANDISER NO. 49-22-7120

Space saving, wall or pegboard mounting merchandiser displays 10 vinyl sleeve packaged Ship Auger Bits from 9/16" to 1-1/2" diameters. The smooth, wobble free boring bits are all 18" long with 1/2" Shanks. Use with 1/2" D-Handle drills or larger.

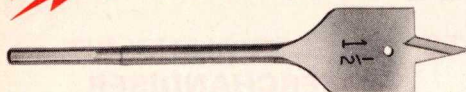




HEAVY-DUTY FLAT BORING BITS

PREMIUM QUALITY — HEAT TREATED FOR STRENGTH AND HARDNESS

- FLUTED BIT CLEARS CHIPS — BORES CLEANER, FASTER HOLES • FURNISHED WITH HOLE FOR USE IN WIRE PULLING



- MILLED FLATS FOR SECURE CHUCK GRIP
- 1/4" to 1-1/2" DIAMETERS

Flat Boring Bits are precision made of high carbon steel for durability and long life. Bore clean holes fast at any angle in wood, plastic, plywood and formica. Drill point and cutting edges can be resharpened often.

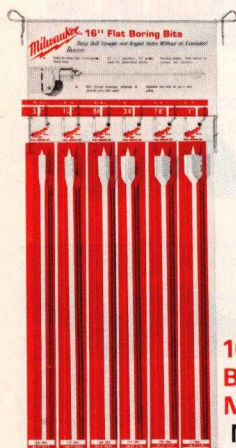
DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
1/4"	48-27-0251	3/16"	6-1/8"	13/16"	48-27-0811	1/4"	6-1/8"
5/16"	48-27-0311	3/16"	6-1/8"	7/8"	48-27-0871	1/4"	6-1/8"
3/8"	48-27-0371	1/4"	6-1/8"	15/16"	48-27-0941	1/4"	6-1/8"
7/16"	48-27-0441	1/4"	6-1/8"	1"	48-27-1001	1/4"	6-1/8"
1/2"	48-27-0501	1/4"	6-1/8"	1-1/8"	48-27-1121	1/4"	6-3/4"
9/16"	48-27-0561	1/4"	6-1/8"	1-1/4"	48-27-1251	1/4"	6-3/4"
5/8"	48-27-0621	1/4"	6-1/8"	1-3/8"	48-27-1371	1/4"	6-3/4"
11/16"	48-27-0681	1/4"	6-1/8"	1-1/2"	48-27-1501	1/4"	6-3/4"
3/4"	48-27-0751	1/4"	6-1/8"				



FLAT BORING BIT MERCHANDISER
NO. 49-22-0082

12" FLAT BORING BIT EXTENSION NO. 48-28-3350

For 1/4" Shank Flat Boring Bits



FLAT BORING BIT KIT
NO. 49-22-0071

Contains 6 popular size flat boring bits in heavy protective plastic. Assortment includes 3/8", 1/2", 5/8", 3/4", 7/8" and 1" sizes in pockets for orderly storage, easy size selection.



Convenient wall hanging or for mounting on pegboard. Comes to you attractively finished and assembled. Merchandiser unit is supplied with MILWAUKEE Flat Boring Bits in the assortment listed below. Bits are packaged in durable, clear vinyl jackets.

CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES	CATALOG NUMBER	NUMBER PACKAGES
48-27-0251	2	48-27-0621	2	48-27-1001	2
48-27-0311	2	48-27-0681	2	48-27-1121	2
48-27-0371	2	48-27-0751	2	48-27-1251	2
48-27-0441	2	48-27-0811	2	48-27-1371	2
48-27-0501	2	48-27-0871	2	48-27-1501	2
48-27-0561	2	48-27-0941	2	49-22-0071	2

16" FLAT BORING BIT MERCHANDISER NO. 49-22-0083

Attractive, space saving wall or pegboard hanging display measures only 10-1/4" x 23" and holds all six different varieties of 16" Flat Boring Bits. Bits are packaged in clear, vinyl sleeves, 2 each of the following Nos. 48-27-(0372, 0502, 0622, 0752, 0872, 1002).

- DEEP DRILL STRAIGHT AND ANGLED HOLES WITHOUT AN EXTENSION
- 3/8" to 1" DIAMETERS

- 1/4" SHANK WITH MILLED FLATS FOR SECURE CHUCK GRIP

DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH	DIAMETER	CATALOG NUMBER	SHANK DIAMETER	OVERALL LENGTH
3/8"	48-27-0372	1/4"	16"	3/4"	48-27-0752	1/4"	16"
1/2"	48-27-0502	1/4"	16"	7/8"	48-27-0872	1/4"	16"
5/8"	48-27-0622	1/4"	16"	1"	48-27-1002	1/4"	16"

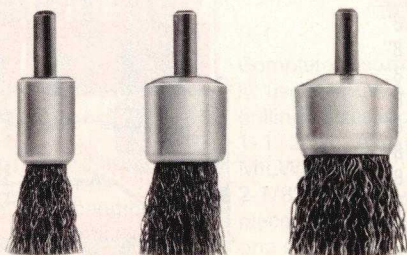
16" FLAT BORING BITS



HEAVY-DUTY WIRE BRUSHES

- 1/4" SHANK DIA. • USE WITH PORTABLE ELECTRIC DRILLS

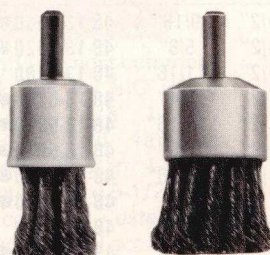
NEW



STRAIGHT END CARBON STEEL WIRE — CRIMPED

FACE DIAMETER	1/2"	3/4"	1"
CATALOG NUMBER	48-52-1000	48-52-1010	48-52-1020
WIRE SIZE	.010	.014	.020
WIRE LENGTH	1"	3/4"	1"
MAXIMUM SAFE FREE SPEED	12,000	12,000	12,000

For I.D. pipe cleaning, removing hard carbon deposits on piston heads, cylinders, valve seats, recesses. Also for deburring and rubber flash removal.



STRAIGHT END CARBON WIRE — KNOT

FACE DIAMETER	3/4"	1-1/8"
CATALOG NUMBER	48-52-1030	48-52-1040
WIRE SIZE	.014	.014
WIRE LENGTH	1"	1"
MAXIMUM SAFE FREE SPEED	19,000	19,000

For heavy burr and scale removal. Cleaning rust, castings, paint build up around studs — bolts. Remove heavy carbon in automotive use.



CUP FLARED CIRCULAR END BRUSH STAINLESS STEEL WIRE — CRIMPED

FACE DIAMETER	2-1/2"
CATALOG NUMBER	48-52-1050
WIRE SIZE	.014
WIRE LENGTH	9/16"
MAXIMUM SAFE FREE SPEED	19,000

Concave shape provides efficient side cleaning — eliminates scoring of bottom in blind holes. Efficient external or internal brushing.



HIGH SPEED STEEL TWIST DRILLS

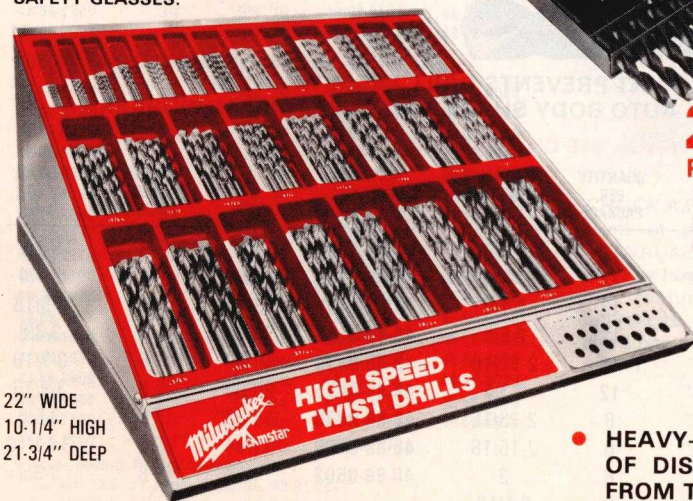


JOBBERS LENGTH TWIST DRILLS

- PRECISION GROUND FLUTES • BLACK OXIDE FINISH
- HIGH SPEED STEEL THROUGHOUT • 118° POINT FOR EASIER STARTING
- CAPABLE OF DRILLING WIDE RANGE OF MATERIALS INCLUDING CAST IRON, STEEL AND STEEL FORGINGS

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE
48-89-0062	1/16"	12
48-89-0078	5/64"	12
48-89-0093	3/32"	12
48-89-0109	7/64"	12
48-89-0125	1/8"	12
48-89-0140	9/64"	12
48-89-0156	5/32"	12
48-89-0171	11/64"	12
48-89-0187	3/16"	12
48-89-0203	13/64"	12
48-89-0218	7/32"	12
48-89-0234	15/64"	12
48-89-0250	1/4"	12
48-89-0265	17/64"	12
48-89-0281	9/32"	12
48-89-0296	19/64"	12
48-89-0312	5/16"	6
48-89-0328	21/64"	6
48-89-0343	11/32"	6
48-89-0359	23/64"	6
48-89-0375	3/8"	6
48-89-0390	25/64"	6
48-89-0406	13/32"	6
48-89-0421	27/64"	6
48-89-0437	7/16"	6
48-89-0453	29/64"	6
48-89-0468	15/32"	6
48-89-0484	31/64"	6
48-89-0500	1/2"	6

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.



22" WIDE
10-1/4" HIGH
21-3/4" DEEP

COMPLETE WITH 33 PACKAGES (306 TWIST DRILL BITS). 1 PACKAGE EACH AS LISTED IN CHART ABOVE, PLUS ADDITIONAL PACKAGE OF 1/8", 1/4", 3/8" and 1/2" BITS.

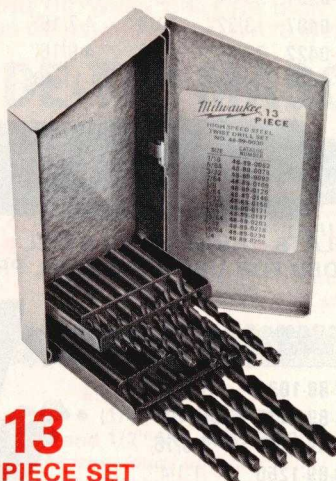


DRIVER/DRILL BIT SET NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set includes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.

JOBBERS LENGTH TWIST DRILL SETS

Available in steel "organizer" cases with folding, holding trays which have permanently marked drill sizes.



13

PIECE SET

NO. 48-89-0030 has two folding, holding trays. Sizes 1/16" to 1/4" by 64ths.

Case only, NO. 48-55-0787



15

PIECE SET

NO. 48-89-0020 has two folding, holding trays. Sizes 1/16" to 1/2" by 32nds.

Case only, NO. 48-55-0786



21

PIECE SET

NO. 48-89-0015 has two folding, holding trays. Sizes 1/16" to 3/8" by 64ths.

Case only, NO. 48-55-0788



29

PIECE SET

NO. 48-89-0010 has three folding, holding trays. Sizes 1/16" to 1/2" by 64ths.

Case only, NO. 48-55-0785

JOBBERS LENGTH TWIST DRILL MERCHANDISER NO. 49-22-0106

- HEAVY-DUTY WOOD BASE WITH LARGE BIT STORAGE IN BACK OF DISPLAY
- PROTECTIVE CLEAR ACRYLIC COVER OPENS FROM TOP DOWN FOR EASY COUNTERPERSON ACCESS
- 29 STORAGE TRAYS MARKED WITH BIT SIZES FOR CUSTOMER SELECTION
- DRILL GAUGE ON FRONT PANEL



HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH

1/4" SHANK TWIST DRILLS



- 1/4" STRAIGHT SHANK • HIGH SPEED STEEL • DRILLS A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD.



SOLD IN DURABLE VINYL SLEEVES

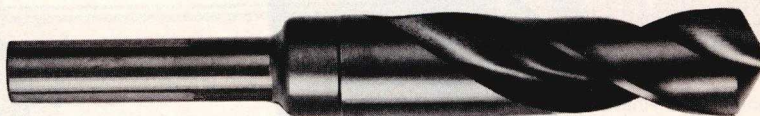
PACKED 1 BIT PER PACKAGE

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0266	17/64"	2-1/4"	3-1/2"
48-89-0282	9/32"	2-1/4"	3-9/16"
48-89-0297	19/64"	2-3/8"	3-11/16"
48-89-0313	5/16"	2-1/2"	3-13/16"
48-89-0329	21/64"	2-9/16"	3-15/16"
48-89-0344	11/32"	2-5/8"	4"

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0360	23/64"	2-3/4"	4-1/8"
48-89-0376	3/8"	2-7/8"	4-1/4"
48-89-0391	25/64"	3"	4-5/16"
48-89-0407	13/32"	3-1/8"	4-7/16"
48-89-0422	27/64"	3-1/8"	4-9/16"
48-89-0438	7/16"	3-3/8"	4-11/16"

CATALOG NUMBER	BIT SIZE	FLUTE LENGTH	OVERALL LENGTH
48-89-0454	29/64"	3-3/8"	4-3/4"
48-89-0469	15/32"	3-1/2"	4-7/8"
48-89-0485	31/64"	3-1/2"	5"
48-89-0501	1/2"	3-5/8"	5-1/16"

1/2" SHANK TWIST DRILLS SILVER AND DEMING



- 1/2" STRAIGHT SHANK WITH 3 MILLED FLATS • HIGH SPEED STEEL • ALL DRILLS ARE 6" LONG WITH 3" FLUTE. RECOMMENDED FOR USE WITH DRILL PRESS ONLY.

PACKED 1 BIT PER PACKAGE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-0531	17/32"	48-89-0781	25/32"
48-89-0562	9/16"	48-89-0812	13/16"
48-89-0593	19/32"	48-89-0843	27/32"
48-89-0625	5/8"	48-89-0875	7/8"
48-89-0656	21/32"	48-89-0906	29/32"
48-89-0687	11/16"	48-89-0937	15/16"
48-89-0718	23/32"	48-89-0968	31/32"
48-89-0750	3/4"	48-89-1000	1"

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-1031	1-1/16"	48-89-1125	1-1/8"
48-89-1187	1-3/16"	48-89-1250	1-1/4"
48-89-1312	1-5/16"	48-89-1375	1-3/8"
48-89-1437	1-7/16"	48-89-1500	1-1/2"



8

PIECE SET SILVER AND DEMING

NO. 48-89-0035 has one folding, holding tray. Sizes 9/16" to 1" by 16ths. 1/2" straight shank with 3 milled flats recommended for use only in drill press application.

Case only, NO. 48-55-0789

DOUBLE END TWIST DRILL



PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER	SIZE	CATALOG NUMBER	SIZE
48-89-8109	7/64"	48-89-8218	7/32"
48-89-8125	1/8"	48-89-8250	1/4"
48-89-8140	9/64"	48-89-8011	(No. 11)
48-89-8156	5/32"	48-89-8020	(No. 20)
48-89-8187	3/16"	48-89-8030	(No. 30)

- ECONOMICAL DOUBLE END BIT FOR DRILLING A WIDE RANGE OF MATERIALS INCLUDING SHEET METAL, CAST MALLEABLE IRON, METAL AND WOOD

- 135° SPLIT POINT
- LENGTHS APPROXIMATELY 2" TO 2-3/8"

DOUBLE END TWIST DRILL SET NO. 48-89-0040



Contains one each of bits listed in chart at left. Vinyl Pouch with compartments.

STUB LENGTH TWIST DRILLS



- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING
- IDEAL FOR USE BY HEATING AND AIR CONDITIONING, AUTO BODY SHOPS AND SHEET METAL WORKERS

PACKED 12 AND 6 PER PACKAGE. SEE CHARTS BELOW.

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0064	1/16"	12	1-5/8
48-89-0080	5/64"	12	1-11/16
48-89-0095	3/32"	12	1-3/4
48-89-0111	7/64"	12	1-13/16
48-89-0127	1/8"	12	1-7/8
48-89-0142	9/64"	12	1-15/16
48-89-0158	5/32"	12	2-1/16
48-89-0173	11/64"	12	2-1/8
48-89-0189	3/16"	12	2-3/16
48-89-0205	13/64"	12	2-1/4

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0220	7/32"	12	2-3/8
48-89-0236	15/64"	12	2-7/16
48-89-0252	1/4"	12	2-1/2
48-89-0267	17/64"	12	2-5/8
48-89-0283	9/32"	12	2-11/16
48-89-0298	19/64"	12	2-3/4
48-89-0314	5/16"	6	2-13/16
48-89-0330	21/64"	6	2-15/16
48-89-0345	11/32"	6	3
48-89-0361	23/64"	6	3-1/16

CATALOG NUMBER (PACKAGE)	SIZE	QUANTITY PER PACKAGE	OVERALL LENGTH (INS.)
48-89-0377	3/8"	6	3-1/8
48-89-0392	25/64"	6	3-1/4
48-89-0408	13/32"	6	3-5/16
48-89-0423	27/64"	6	3-3/8
48-89-0439	7/16"	6	3-7/16
48-89-0455	29/64"	6	3-9/16
48-89-0470	15/32"	6	3-5/8
48-89-0486	31/64"	6	3-11/16
48-89-0502	1/2"	6	3-3/4

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.



HIGH SPEED STEEL TWIST DRILLS

PRECISION GROUND FLUTES FOR ACCURATE HOLE SIZES • BLACK OXIDE FINISH

STUB LENGTH WIRE SIZE TWIST DRILLS



- SELF-CENTERING POINT "GUIDE START" • 135° SPLIT POINT PREVENTS DRILL FROM WALKING • IDEAL FOR MACHINE SHOP USE

PACKED 12 DRILLS PER PACKAGE

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9001	1	1-5/16"	2-7/16"	12
48-89-9002	2	1-5/16"	2-7/16"	12
48-89-9007	7	1-3/16"	2-1/4"	12
48-89-9008	8	1-3/16"	2-1/4"	12
48-89-9010	10	1-3/16"	2-1/4"	12

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9011	11	1-3/16"	2-1/4"	12
48-89-9014	14	1-1/8"	2-3/16"	12
48-89-9020	20	1-1/16"	2-1/8"	12
48-89-9021	21	1-1/16"	2-1/8"	12
48-89-9022	22	1-1/16"	2-1/8"	12

CATALOG NUMBER (PACKAGE)	WIRE GAUGE NO.	FLUTE LENGTH	OVERALL LENGTH	QUAN. PER PKG.
48-89-9028	28	15/16"	1-15/16"	12
48-89-9030	30	15/16"	1-15/16"	12
48-89-9040	40	13/16"	1-13/16"	12

NOTE: LUBRICATE DRILL BITS WITH CUTTING OIL WHEN DRILLING IRON OR STEEL. USE A COOLANT WHEN DRILLING NON-FERROUS METALS SUCH AS COPPER, BRASS OR ALUMINUM. ALWAYS WEAR SAFETY GLASSES.

CARBIDE-TIP MASONRY BITS



ONE PIECE DESIGN
(1/8" THRU 7/8")



TWO PIECE DESIGN
(1" THRU 1-1/2")

**PACKAGED
IN DURABLE
VINYL SLEEVES**

Shank is 1/2" hex with
1/2"-13 thread...nut serves
as bit shoulder

SPECIAL FEATURES

- Alloy steel shank for strength and durability
- Shallow precision machined oval flutes prevent dust packing
- Carbide-tip...the hardest metal made... brazed to alloy steel bodies



EXTRA LENGTH BIT

- (1/4" NO. 48-87-0251 and 1/2" NO. 48-87-0502)

Narrow lands and fast spiral
for rapid dust removal

**PACKAGED
IN DURABLE
VINYL SLEEVES**

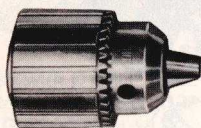
DIAMETER	CATALOG NUMBER	SHANK DIA.	OVERALL BIT LENGTH
1/8"	48-87-0120	1/8"	3"
5/32"	48-87-0150	5/32"	3"
11/64"	48-87-0170	11/64"	3"
3/16"	48-87-0180	3/16"	3"
7/32"	48-87-0210	3/16"	3"
1/4"	48-87-0250	1/4"	4"
1/4"	48-87-0251	1/4"	12"
1/4"	48-87-0253	1/4"	6"
9/32"	48-87-0280	1/4"	4"
5/16"	48-87-0310	1/4"	4"
3/8"	48-87-0370	1/4"	4"
7/16"	48-87-0430	1/4"	6"
1/2"	48-87-0500	3/8"	6"
1/2"	48-87-0502	3/8"	18"
9/16"	48-87-0560	3/8"	6"
5/8"	48-87-0620	1/2"	6"
11/16"	48-87-0680	1/2"	6"
3/4"	48-87-0750	1/2"	6"
7/8"	48-87-0870	1/2"	6"
1"	48-87-1000	1/2"	12"
1-1/8"	48-87-1120	1/2"	12"
1-1/4"	48-87-1250	1/2"	12"
1-1/2"	48-87-1500	1/2"	12"

• Extra length bit

Drills masonry, brick, stone, plaster, slate. Wide, spiral flutes lift dust out of hole. Bit cuts at maximum efficiency without clogging. Produces clean, accurately sized holes fast. Carbide tip resists dulling. Bits may be resharpened on bench grinder using silicon carbide grinding wheel.

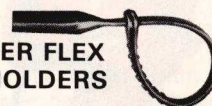
INDUSTRIAL DRILL CHUCKS

INDUSTRIAL CHUCKS



CHUCK KEYS

RUBBER FLEX KEY HOLDERS



CHUCKS FOR NON-REVERSING DRILLS (Chuck Key Included)

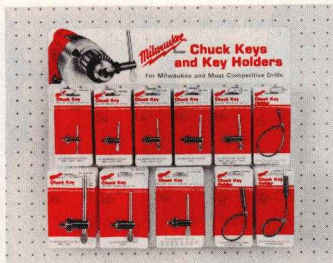
CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0500	5/16"	3/8"-24	48-66-3240	48-66-4040
48-66-0540	5/16"	1/2"-20	48-66-3240	48-66-4040
48-66-2040	3/4"	5/8"-16	48-66-3160	48-66-4020
48-66-2050	3/4"	3/4"-16	48-66-3160	48-66-4020

CHUCKS FOR REVERSING DRILLS (Chuck Key Included)

CHUCK CATALOG NUMBER	CAPACITY	THREAD SIZE	CHUCK KEY CATALOG NUMBER	KEY HOLDER CATALOG NUMBER
48-66-0070	1/4"	3/8"-24	48-66-3200	48-66-4080
48-66-0104	1/4"	1/2"-20	48-66-3200	48-66-4080
48-66-0224	3/8"	1/2"-20	48-66-3280	48-66-4040
48-66-0230	1/4"	#1 Taper	48-66-3200	48-66-4080
48-66-0240	3/8"	#2 Taper	48-66-3080	48-66-4040
48-66-0795	3/8"	3/8"-24	48-66-3240	48-66-4040
48-66-0805	3/8"	3/8"-24	48-66-3080	48-66-4040
48-66-0817	3/8"	3/8"-24	48-66-3350	—
48-66-0818	3/8"	3/8"-24	48-66-3470	—
48-66-1360	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1365	1/2"	1/2"-20	48-66-3280	48-66-4040
48-66-1381	1/2"	5/8"-16	48-66-3280	48-66-4040
48-66-1480	1/2"	#6 Taper	48-66-3120	48-66-4020
48-66-1680	5/8"	#3 Taper	48-66-3120	48-66-4020
48-66-2000	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2080	3/4"	#3 Taper	48-66-3160	48-66-4020
48-66-2085	1/2"	#3 Taper	48-66-3160	48-66-4020
48-66-2100	1/2"	3/8"-24	48-66-3480	—

- Chuck Removal Wedges required (Set of 2)
For 1/4" Drill—#1 Jacobs Taper No. 49-91-0010
For 3/8" Drill—#2 Jacobs Taper No. 49-91-0020

NEW



CHUCK KEY PACKAGE

Front of packaging references MILWAUKEE drills to correct key and key holder. Back of packaging features a chart that references competitive chucks and a pop-out hole to ensure correct fit.

CHUCK KEY AND KEY HOLDERS MERCHANDISER NO. 49-22-4866

Space-saving plan-o-gram display holds 8 types of chuck keys and 3 chuck key holders. Includes 3 of each key and key holder type. Eye-catching display features a MILWAUKEE drill and complete reorder information. Mounts on your pegboard.

CATALOG NUMBER	NUMBER OF PACKAGES	DESCRIPTION
48-66-3200	3	1/4" Chuck with 7/32" Pilot
48-66-3080	3	3/8" Chuck with 1/4" Pilot
48-66-3350	3	3/8" Chuck with 1/4" Pilot
48-66-3470	3	3/8" Chuck with 1/4" Pilot
48-66-3240	3	3/8" Chuck with 15/64" Pilot
48-66-3280	3	3/8" and 1/2" Chuck with 1/4" Pilot
48-66-3120	3	5/8" Chuck with 5/16" Pilot
48-66-3160	3	3/4" Chuck with 3/8" Pilot
48-66-4020	3	Chuck Key Holder
48-66-4040	3	Chuck Key Holder
48-66-4080	3	Chuck Key Holder

AVAILABLE BULK—NON CARDED

CATALOG NUMBER	DESCRIPTION
48-66-3201	25 Pack Keys
48-66-3081	25 Pack Keys
48-66-3241	25 Pack Keys
48-66-3281	25 Pack Keys
48-66-4081	25 Pack Holders
48-66-4041	25 Pack Holders



HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

VAC-U-RIG®

DIAMOND DRILLING RIG

4135

**LESS DYMODRILL
MOTOR and
DYMOBIT
(Diamond Bit)**

MOTORS: See Page 37
ACCESSORIES: Page 36
DYMOBITS: Pages 38, 39

Spacer
Assembly
*

* Shown with
optional spacer
assembly—
increases drilling
capacity from
10" to 14".
(Order separately)

For use with DYMODRILL motors. The No. 4135 VAC-U-RIG® consists of a No. 4130 DYMORIG, a 30 amp meter box No. 48-51-0100, and a VAC-U-RIG® attachment kit No. 49-22-7070. Includes large base with wheels and four leveling screws, adjustable tilting column, cradle for motor mounting, four spoke wheel feed control, bubble level and jack screw. The VAC-U-RIG® attachment kit supplied with No. 4135 includes one vacuum pad and a vacuum pump assembly with gauge, filter, air hose and fittings. The No. 4135 can also be used without vacuum and column will accept small base assembly No. 48-10-0080. See page 36. Net weight 126 lbs. Shipping weight 148 lbs.

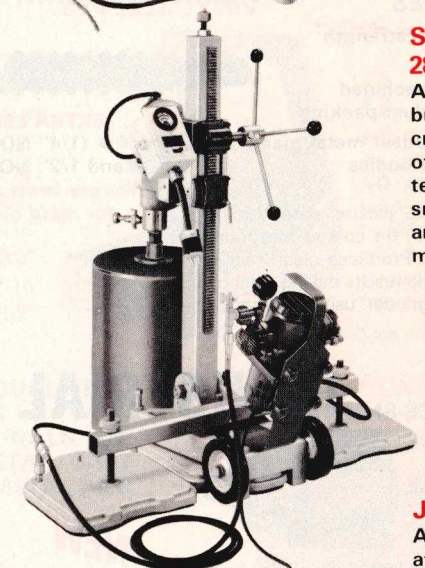


ANGLE DRILLING

Columns can be set at any angle up to 45° when angle drilling is required.

EXTRA RIGIDITY

The 3" square tubular column has 1/4" thick walls for superior strength in demanding situations.



SMOOTH CRADLE 28" TRAVEL

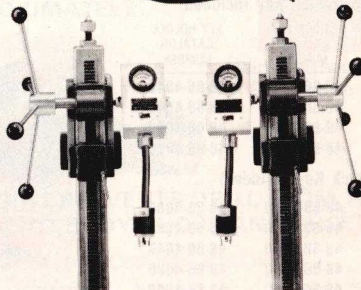
Adjustable and fixed brass gibs inside the cradle contact all sides of the cradle for proper tension. Gibs provide smooth cradle travel and precise drill alignment.

EXTRA HOLDING POWER

Up to three vacuum pads can be used with the diamond drilling rigs for extra holding power.

JACK SCREW

Adjustable jack screw at top of column provides maximum rigidity when used with telescoping assembly between ceiling and floor. Jack Screw is narrower than the column allowing quick cradle removal.



BUBBLE LEVEL

For quick, accurate leveling. Level is mounted on cradle for easy viewing.

REMOVABLE CRADLE

For easy wall mounting.

RIGHT OR LEFT HANDED OPERATION

The four spoke wheel feed control and the meter box mount on either side of the cradle for right or left-handed operation. The meter box rotates 360°. It can be mounted facing the front or the back of the rig for clear viewing.

MILWAUKEE Diamond Drilling Equipment accessories for Models 4125, 4130 and 4135 are completely interchangeable. All these units can be used with the large or small base assemblies and with or without vacuum. See pages 35 and 36.



HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

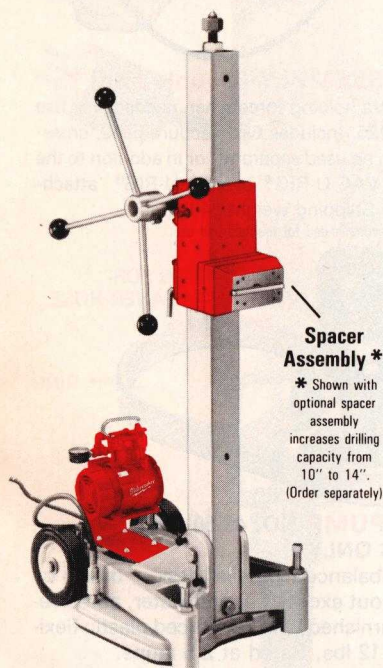
VAC-U-RIG®
DIAMOND DRILLING RIG

4136

(LARGE BASE)

LESS DYMODRILL MOTOR,
METER BOX and DYMOBIT

RECOMMENDED ONLY FOR SINGLE
PAD USE WHEN USING VACUUM
PUMP NO. 49-50-0160 SUPPLIED AS
STD. EQUIPMENT



**Spacer
Assembly ***

* Shown with
optional spacer
assembly
increases drilling
capacity from
10" to 14".
(Order separately)

For use with DYMO-DRILL
motors. Consists of a No. 4130
DYMO-RIG and a VAC-U-RIG attachment kit No.
49-22-7075. Includes large base with wheels and
four leveling screws, adjustable tilting column,
cradle for motor mounting, four spoke wheel feed
control, bubble level and jack screw. The No. 4136
can also be used without vacuum and column will
accept small base assembly No. 48-10-0080. See
page 36. Net weight 106 lbs. Shipping weight 129
lbs.



VAC-U-RIG ATTACHMENT KIT

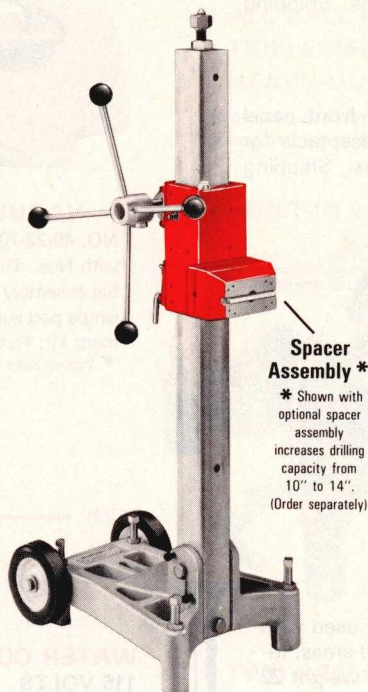
NO. 49-22-7075 115 VOLT Complete vacuum assemblies con-
sisting of one vacuum pad and vacuum pump assembly with
gauge, filter, 8 foot air hose and fittings. Same as furnished with
No. 4136 and also for use with Nos. 4130 and 4125. Net weight 19.5
lbs. Shipping weight 26.5 lbs. **RECOMMENDED ONLY FOR
SINGLE PAD USE.**

DYMO-RIG
DIAMOND DRILLING RIG

4130

(LARGE BASE)

STAND ONLY



**Spacer
Assembly ***

* Shown with
optional spacer
assembly
increases drilling
capacity from
10" to 14".
(Order separately)

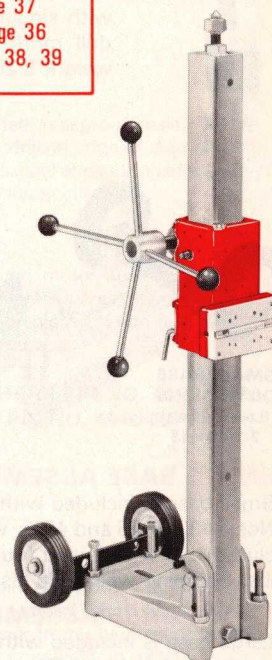
The same as the 4135, but without the meter
box and the VAC-U-RIG attachment kit. The
large base can be floor or wall mounted with
a bolt type anchor or braced from the ceiling
with a telescoping assembly by using the
jack screw. The base can be replaced with
No. 48-10-0080 small base or used with a
VAC-U-RIG attachment kit to convert the
4130 into 4135 VAC-U-RIG. Order meter box
separately. Net weight 82.5 lbs. Shipping
weight 103.5 lbs.

DYMO-RIG
DIAMOND DRILLING RIG

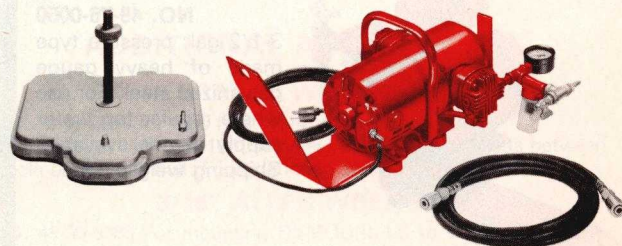
4125

(SMALL BASE)

STAND ONLY



The same as the 4130 DYMO-RIG at left but
with a smaller base for confined drilling
situations. For more support, the small base
can be used with VAC-U-RIG attachment
kits No. 49-22-7070 and No. 49-22-7075, or it
can be replaced with the large base
assembly, converting it into a 4130
DYMO-RIG. The 4125 will accept the same
attachments as the 4130, 4135 and the 4136.
Order meter box separately. Net weight 71
lbs. Shipping weight 92 lbs.

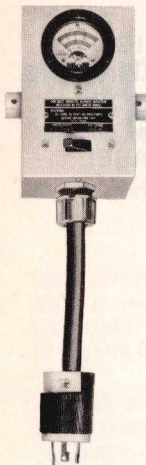


VAC-U-RIG ATTACHMENT KIT

NO. 49-22-7070 120 VOLT Complete vacuum assemblies con-
sisting of one vacuum pad and vacuum pump assembly with
switch, gauge, filter, 8 foot air hose and fittings. Same as furnished
with No. 4135 and also for use with Nos. 4130 and 4125. Net weight
40 lbs. Shipping weight 46 lbs.



HEAVY-DUTY DIAMOND DRILLING EQUIPMENT ACCESSORIES



METER BOXES

NO. 48-51-0100

30 AMP 120 VOLT

Supplied with No. 4135 and also available as an accessory. Ammeter and power switch on front panel and two convenience outlets on back of unit. Net weight 4.75 lbs. Shipping weight 6 lbs.

NO. 48-51-0120

20 AMP 120 VOLT

Ammeter and power switch on front panel with single 20 amp twist lock receptacle for drill motor. Net weight 3.75 lbs. Shipping weight 5.25 lbs.



**SMALL BASE
DIMENSIONS**
(Less Wheels)
7-1/4" x 13"

**LARGE BASE
DIMENSIONS**
(Less Wheels)
13-1/4" x 17-1/8"

SMALL BASE ASSEMBLY NO. 48-10-0080

Small base is included with No. 4125 and can be used with Nos. 4130, 4135 and 4136. Works well in restricted areas. Includes two wheels and four leveling screws. Net weight 22 lbs. Shipping weight 26 lbs.

LARGE BASE ASSEMBLY NO. 48-10-0090

Large base is included with Nos. 4130, 4135 and 4136. Can be used with No. 4125 for greater support. Includes two wheels and four leveling screws. Net weight 33.5 lbs. Shipping weight 37.5 lbs.

TELESCOPING EXTENSION ASSEMBLY NO. 48-95-1000

Braces unit between floor and ceiling for maximum rigidity. Fixed hole adjustments. Assembly adjusts to 14 foot ceilings. Fractional take up between fixed settings made with jack screw at top of stands. Shipping weight 33 lbs.



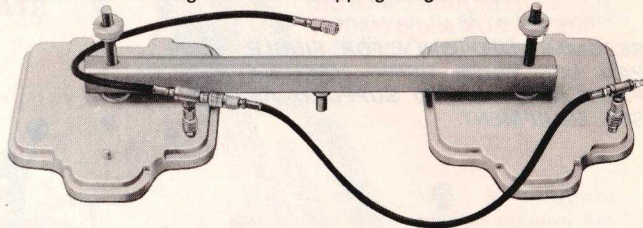
WATER TANK NO. 49-76-0050

3-1/2 gal. pressure type made of heavy gauge galvanized steel. For use where regular tap water supply is not available. Shipping weight 8 lbs.



VACUUM PAD ASSEMBLY (Single Pad)

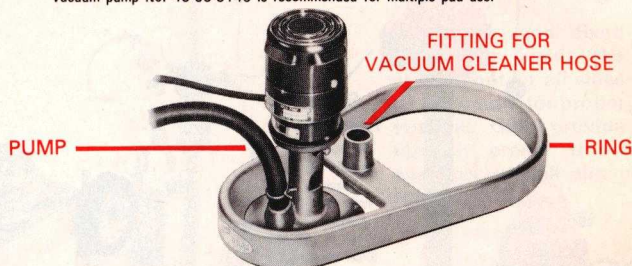
NO. 49-22-7100 Single vacuum pad. Same as supplied with No. 4135 and 4136 and VAC-U-RIG® attachment kits No. 49-22-7070, No. 49-22-7075 and No. 49-22-7080. Can be used with No. 4130 and No. 4125. Net weight 8.75 lbs. Shipping weight 13 lbs.



VACUUM PAD ASSEMBLY (Double Pad)*

NO. 49-22-7090 Provides extra holding force when needed. For use with Nos. 4135, 4130 and 4125. Includes two vacuum pads, cross-bar assembly and hoses. Can be used separately or in addition to the single pad supplied with the VAC-U-RIG® or VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.

* Vacuum pump No. 49-50-0140 is recommended for multiple pad use.



WATER COLLECTOR PUMP NO. 49-50-0050 115 VOLTS 50-60 Hz AC ONLY

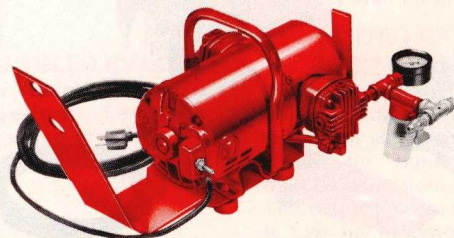
Small heavy-duty pump of balanced impeller design, driven by an enclosed motor. Pumps out excess trapped water, abrasive-proof and quiet running. Furnished with reinforced plastic flexible hose. Shipping weight 12 lbs. Rated at 2.5 amps.

WATER COLLECTING RING NO. 48-70-0060

For use where water flow from drilling operation must be trapped and drained. Dike-type collector ring holds water for fast disposal when used with bits up to 10" in diameter. May be used with pump described above. A built-in vacuum hose fitting also permits use with a wet or dry vacuum cleaner. Shipping weight 8.75 lbs.

WATER HOSE NO. 49-18-0055 5/8" I.D. x 8'

8 foot water hose with standard brass male and female water hose fittings.



VACUUM PUMP ASSEMBLY NO. 49-50-0160 115 VOLTS

Heavy-duty 1/8 H.P. pump complete with vacuum gauge, air filter and cord. May be mounted to base of unit if desired. Same as furnished with No. 4136 and VAC-U-RIG® Kit No. 49-22-7075. Net weight 19.5 lbs. Shipping weight 26.5 lbs.

RECOMMENDED ONLY FOR SINGLE PAD USE.

VACUUM PUMP ASSEMBLY NO. 49-50-0140 120 VOLTS

Heavy-duty 1/6 H.P. pump complete with vacuum gauge, air filter, switch and cord. May be mounted to base of unit if desired. Same as furnished with No. 4135 and VAC-U-RIG® attachment kit. Net weight 30 lbs. Shipping weight 34 lbs.

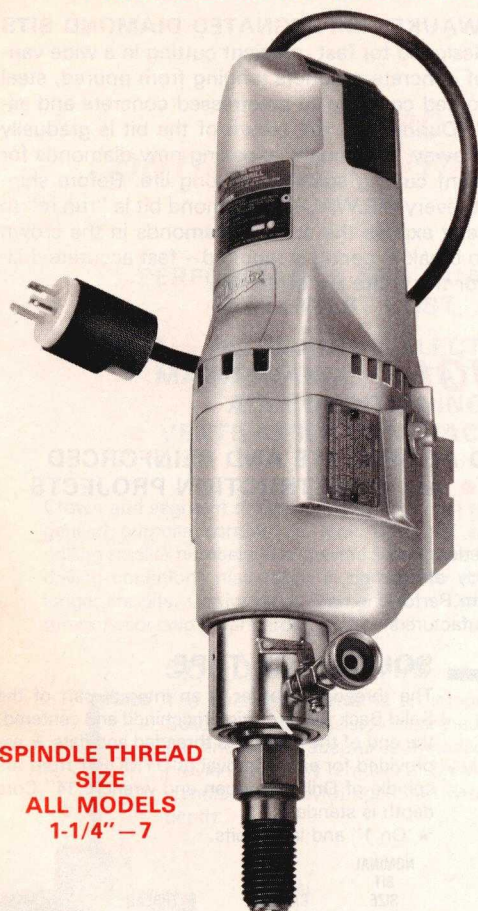


HEAVY-DUTY DIAMOND DRILLING EQUIPMENT

FOR DIAMOND CORE DRILLING IN
REINFORCED CONCRETE • TILE • MASONRY • MARBLE

TWO SPEED DYMODRILL MOTORS

FOR USE WITH VAC-U-RIG® and DYMORIG DIAMOND CORE DRILL RIGS



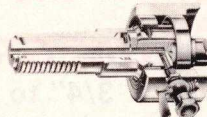
SPINDLE THREAD
SIZE
ALL MODELS
1-1/4" - 7"

FEATURES:

- 15 AMP AND 20 AMP MOTORS
- ALL BALL AND ROLLER BEARING
- TRIPLE REDUCTION GEARING
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR

Armatures are dynamically balanced for smooth running, high efficiency and long life.

• BUILT-IN WATER SWIVEL



With spring-loaded, leakproof seals. Directs flow of water to drilling edge of diamond bit to keep diamonds cool and cutting at top efficiency...flushes away cuttings.

• SHEAR PIN PROTECTION



Protects gears and motor against overload and allows machine to operate at safe torque. Shear pins easily replaced. Extra pins are included with each unit.

* **HARDENED SHEAR PIN NO. 44-60-0030**
STEEL SHEAR PIN NO. 44-60-0050

* Standard Equipment.

• TWO SPEED SHIFT LEVER



Speed changes are easily made by means of a conveniently located shift lever which transfers drive gear from one position to the other. Gears are constantly in mesh.

TWO SPEED DYMODRILL MOTOR SPECIFICATIONS

15 AMP MODELS

Cost effective, Heavy-Duty power. Lower current draw of 15 Amp motor provides core drilling power where 20 Amp service is unavailable.

CATALOG NUMBER	VOLTS	AMPS	SPEED RPM	SUGGESTED DIAMETERS IN MEDIUM AGGREGATE	NET WGT. LBS.	SHP. WGT. LBS.
4090	120	15 ●	375	5"-8"	26	30
			750	2-1/2"-5"		
4095	120	15 ●	500	3"-5"	26	30
			1000	1-1/4"-3"		

● Cord equipped with 20 amp twist lock plug.

20 AMP MODELS

Improved, High Performance motor design provides 4.8 peak horsepower. Increased power maintains higher drilling speed and produces higher torque for maximum core drilling production.

4079	120	20 ●	300	7"-14"	24	31
			600	4"-7"		
4094	120	20 ●	450	6"-10"	24	31
			900	2"-6"		
4099	120	20 ●	600	4"-7"	24	31
			1200	3/4"-4"		

● Cord equipped with 20 amp twist lock plug.

Suggested diameters listed on specific models are for maximum drilling efficiency in medium aggregate. Speeds must be adjusted for material conditions. All models can also be used for other diameters.

STANDARD EQUIPMENT includes built-in water swivel, adapter to receive standard water hose, water control valve, extra shear pins, also an open end wrench for holding the output spindle while removing bits.

ADDITIONAL ACCESSORIES

SPACER WITH KEY

NO. 49-67-0050 for Rigs Nos. 4114, 4119 and 4104 only. Allows use of bits thru 10" diameter. Spacer 1" thick, fits between cradle of Rig and Drill. Four mounting screws included.

3/16" ALLEN WRENCH

NO. 49-96-0085 For mounting DYMODRILLS to cradle of VAC-U-RIG®.

1-3/8" OPEN END WRENCH

NO. 49-96-4700 For DYMODRILLS listed in charts at left.

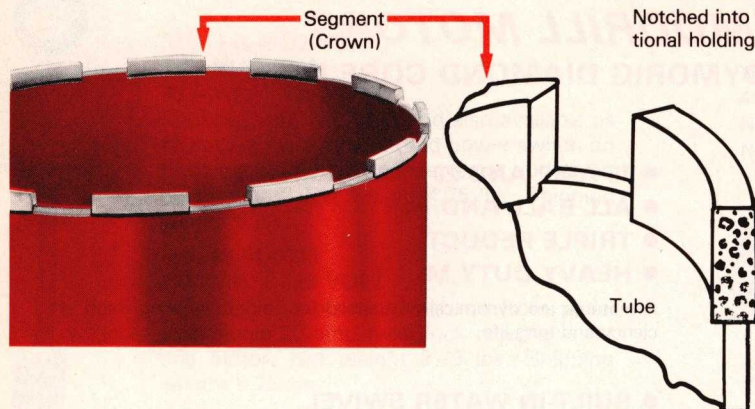
GREASE TYPE "E" FOR TWO SPEED MODELS

NO. 49-08-4121 1 Lb. Can.



PREMIUM HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE



MILWAUKEE IMPREGNATED DIAMOND BITS are designed for fast, efficient cutting in a wide variety of concrete products ranging from poured, steel reinforced concrete to prestressed concrete and asphalt. During use, the crown of the bit is gradually worn away, continually exposing new diamonds for constant cutting speeds and long life. Before shipment, every MILWAUKEE diamond bit is "run in" to properly expose the surface diamonds in the crown so no break-in period is required — fast accurate drilling for the entire life of the bit.

PREMIUM GRADE DYMOBITS 3/4" to 14" diameter

MORE HOLES AT LESS COST PER HOLE EVEN THROUGH HARD AGGREGATE AND REINFORCED CONCRETE FOR • DRILLING CONTRACTORS • LINE DRILLING • ALL CONSTRUCTION PROJECTS



MILWAUKEE Premium Grade Dymobits have been redesigned to offer exceptional drilling life with smooth, steady effort. Premium Dymobits from MILWAUKEE equal Premium Performance. Conforms to Diamond Core Drilling Manufacturers Association standards.

PRE-STRESSED CONCRETE PREMIUM GRADE DYMOBIT SOLID BACK TYPE

A MILWAUKEE
PREMIUM GRADE DYMOBIT
SPECIFICALLY DESIGNED FOR
DIAMOND CORE DRILLING
IN PRE-STRESSED CONCRETE

Diamond impregnated crown, height, width of waterways specifically designed for maximum cutting speed and reduced risk of bit damage when drilling pre-stressed concrete. 14" core depth is standard. Also may be used for diamond core drilling in poured, steel reinforced concrete, asphalt.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
1"	48-16-1007	5/8"-11‡
1-1/2"	48-16-1507	5/8"-11‡
2"	48-16-2014	1-1/4"-7
2-1/2"	48-16-2514	1-1/4"-7
3"	48-16-3014	1-1/4"-7
3-1/2"	48-16-3512	1-1/4"-7
4"	48-16-4014	1-1/4"-7
4-1/2"	48-16-4507	1-1/4"-7
5"	48-16-5014	1-1/4"-7
6"	48-16-6014	1-1/4"-7



SOLID BACK TYPE

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and flats ★ are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 14" Core depth is standard.

★ On 1" and larger bits.

NOMINAL BIT SIZE O.D.	CATALOG NUMBER	‡ THREAD SIZE
3/4"	48-16-0756	5/8"-11‡
7/8"	48-16-0876	5/8"-11‡
1"	48-16-1006	5/8"-11‡
1-1/4"	48-16-1260	5/8"-11‡
1-1/2"	48-16-1506	5/8"-11‡
2"	48-16-2013	1-1/4"-7
2-1/2"	48-16-2513	1-1/4"-7
2-3/4"	48-16-2756	1-1/4"-7
3"	48-16-3013	1-1/4"-7
3-1/2"	48-16-3511	1-1/4"-7
4"	48-16-4013	1-1/4"-7
4-1/2"	48-16-4506	1-1/4"-7
5"	48-16-5013	1-1/4"-7
6"	48-16-6013	1-1/4"-7
7"	48-16-7006	1-1/4"-7
8"	48-16-8006	1-1/4"-7
9"	48-16-9006	1-1/4"-7
10"	48-16-9506	1-1/4"-7
12"	48-16-9605	1-1/4"-7
14"	48-16-9705	1-1/4"-7

‡ NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. When used with Drills with 1-1/4"-7 thread use Threaded Adapter No. 48-04-0160.

**PREMIUM GRADE BITS AVAILABLE IN SPECIAL
DIAMETER AND LENGTHS ON SPECIAL ORDER—CONTACT FACTORY.**



HEAVY-DUTY IMPREGNATED DIAMOND BITS

FOR DIAMOND CORE DRILLING IN REINFORCED CONCRETE • TILE • MASONRY • MARBLE

STANDARD CONTRACTORS DYMOBITS

PERFORMANCE AND QUALITY
AT LOWEST COST

- FOR • PLUMBING • ELECTRICAL
MAINTENANCE • HEATING
• AIR CONDITIONING
• VENTILATING CONTRACTORS

Crown and segment dimensions plus low cost make this bit a general purpose contractors tool. Designed specifically for drilling smaller numbers of a specific size hole or where difficult drilling conditions may result in damage to more expensive longer life bits. Conforms to Diamond Core Drilling Manufacturers Association standards.

SOLID BACK TYPE

The threaded adapter is an integral part of the Solid Back Bit. Precision machined and centered, the end of the adapter is threaded and flats are provided for easy removal of DYMOBIT from the spindle of Drill with open end wrench. 14" Core depth.

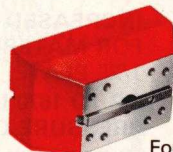


NOMINAL BIT SIZE O.D.	CATALOG NUMBER	† THREAD SIZE
2"	48-16-2007	1-1/4"-7
2-1/2"	48-16-2507	1-1/4"-7
3"	48-16-3007	1-1/4"-7
3-1/2"	48-16-3507	1-1/4"-7
4"	48-16-4007	1-1/4"-7
4-1/4"	48-16-4257	1-1/4"-7
5"	48-16-5007	1-1/4"-7
6"	48-16-6007	1-1/4"-7

† NOTE—Check thread size with spindle thread on Drill or refer to specifications for DYMODRILLS. It may be necessary to use a threaded Adapter to fit Drill spindle.

DIAMOND CORE DRILLING ACCESSORIES

HEAVY-DUTY SPACER ASSEMBLIES THREADED ADAPTERS AND BIT EXTENSIONS FOR DYMOBITS



SPACER ASSEMBLY
NO. 49-67-0110

For use with Nos. 4125, 4130, 4135 and 4136. Mounts between cradle and DYMODRILL motor to increase VAC-U-RIG®, DYMO-RIG bit capacity from 10" to 14". Net weight 3 lbs. Shipping weight 5 lbs.

SPACER ASSEMBLY
NO. 49-67-0050

For use with No. 4104 DYMO-RIG and previous model Nos. 4114 and 4119. Spacer 1" thick, mounts between cradle and DYMODRILL motor. Allows use of bits thru 10" diameter.

3/16" SOCKET WRENCH
NO. 49-96-0085

For mounting DYMODRILLS to cradle.

1-3/8" OPEN END WRENCH
NO. 49-96-4700

For use with DYMODRILLS listed in charts on page 37. Also for Threaded Adapters and Bit Extensions.



THREADED ADAPTERS

NO. 48-04-0160* **THREAD ADAPTER** reduces thread size of 1-1/4"-7 to 5/8"-11 for DYMOBITS and extensions.

* Used on DYMODRILLS listed in table on page 37.

BIT EXTENSIONS

NO. 48-95-1500 9" BIT EXTENSION

Extension threaded on both ends with 1-1/4"-7 thread, for use with Diamond Core Bits over 2" diameter with 1-1/4"-7 thread. Extension mounts directly to DYMODRILL; two or more can be coupled together for deep hole drilling.

NO. 48-95-2100 10-1/2" BIT EXTENSION

Extension threaded on both ends with 5/8"-11 thread, for use with 1-1/4" and 1-1/2" diameter Diamond Core Bits with 5/8"-11 thread. Extension requires No. 48-04-0160 Threaded Adapter for mounting to DYMODRILLS; two or more can be coupled together for deep hole drilling.



Milwaukee

HEAVY-DUTY ELECTROMAGNETIC DRILL

4232-1 **NEW**

COMBINED UNIT:
SMALL BASE STAND NO. 4202
AND DRILL MOTOR NO. 4262-1

SEE CHART BELOW FOR STAND
AND MOTOR SPECIFICATIONS

• **SPEED CONTROL**

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATES
- 9" DRILL TRAVEL

NO. 4232-1 Combined Unit
Shipping Weight
71 Lbs.

DRILL STAND NO. 4201
SHOWN WITH
NO. 4253-1 DRILL
MOTOR

4201

SMALL BASE
STAND ONLY
SELECT DRILL MOTOR
FROM CHART BELOW

DRILL STAND NO. 4202
SHOWN WITH NO. 4297-1
DRILL MOTOR

4202

SMALL BASE
STAND ONLY
SELECT DRILL MOTOR
FROM CHART BELOW

• **SPEED CONTROL**

- INCREASED HOLDING POWER FOR MATERIALS AS THIN AS 1/2" PLATE
- 4 COMBINATIONS AVAILABLE
- UP TO 1670 LB. DRILL POINT PRESSURE ON 1" STEEL PLATES
- 9" DRILL TRAVEL

- 4 COMBINATIONS AVAILABLE
- 1470 LB. DRILL POINT PRESSURE MAXIMUM ON 1" STEEL PLATES
- 9" DRILL TRAVEL

SPECIFICATIONS

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	DRILL	CAPACITY ▲ * TAP	NO LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS HT. W. L.	STAND 4202 \$ DRILL POINT PRESSURE LBS.	STAND 4201 \$ DRILL POINT PRESSURE LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1 ●	120	6.2	1/2"	5/8"-18 ‡	600	Chuck	48-66-1360	48-66-3280	15" 4-1/4" 11"	1650	1450	41	49
4262-1	120	11.5	3/4"	1"-14	350	Chuck	48-66-2085	48-66-3160	15" 4-1/4" 11"	1670	1470	41	62
4292-1 ■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	15" 4-1/4" 11"	1600	1410	41	65
4297-1 ■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050		15" 4-1/4" 11"	1600	1410	41	65

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE...To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket specify Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 32.

Refer to the instruction manual for sizes.

* See page 42 for Steel Hawg™ Cutter capacities.

TYPE "A" GREASE FOR SINGLE SPEED

NO. 49-08-0500 1/2 LB. CAN

NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED

NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN

NO. 48-58-0080

Same as furnished with unit.

PRESSES

120 VOLT AC ONLY 12.5 AMPS MAXIMUM RATING WITH LARGE DRILL

**STEEL HAWG™
METAL CUTTERS**
See page 42

4233-1 **NEW**

**COMBINED UNIT:
ADJUSTABLE BASE STAND NO. 4231
AND DRILL MOTOR NO. 4297-1**

SEE CHART BELOW FOR STAND
AND MOTOR SPECIFICATIONS

- 11" DRILL TRAVEL
- 2000 LB. DRILL POINT
PRESSURE MAXIMUM
ON 1" STEEL PLATE§

NO. 4233-1 Combined Unit
Shipping Weight
95 Lbs.

4231

**ADJUSTABLE BASE
STAND ONLY**
SELECT DRILL MOTOR
FROM CHART BELOW

DRILL STAND NO. 4231

SHOWN WITH
NO. 4292-1
DRILL MOTOR

4221

**LARGE BASE
STAND ONLY**
SELECT DRILL MOTOR
FROM CHART BELOW

- 4 COMBINATIONS
AVAILABLE
- 11" DRILL TRAVEL
- 2000 LB. DRILL POINT
PRESSURE MAXIMUM
ON 1" STEEL PLATE§

SPECIFICATIONS

SELECT DRILL MOTOR FROM SPECIFICATION CHART TO MEET YOUR REQUIREMENTS

DRILL MOTOR CATALOG NUMBER	VOLTS	AMPS	CAPACITY ▲ DRILL	* TAP	NO. LOAD RPM	CHUCK OR TAPER	REPLACEMENT CHUCK CATALOG NUMBER	REPLACEMENT CHUCK KEY CATALOG NUMBER	DRILL STAND DIMENSIONS			5 DRILL POINT PRESSURE LBS.	STAND 4221		STAND 4231	
									HT.	W.	L.		NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.	NET WGT. STAND ONLY LBS.	COMB. NET WGT. STAND AND DRILL LBS.
4253-1●	120	6.2	1/2"	5/8"-18‡	600	Chuck	48-66-1360	48-66-3280	17-1/4"	5-1/4"	14"	1975	58	65	60	67
4262-1	120	11.5	3/4"	1"-14	350	Chuck	48-66-2085	48-66-3160	17-1/4"	5-1/4"	14"	2000	58	79	60	81
4292-1■	120	11.5	1-1/4"	1"-14	750-375	No. 3MT	45-34-0050	#3 TAPER SOCKET	17-1/4"	5-1/4"	14"	1915	58	82	60	84
4297-1■	120	11.5	1-1/4"	1"-14	500-250	No. 3MT	45-34-0050		17-1/4"	5-1/4"	14"	1915	58	82	60	84

■ Two speed drills § Maximum pull on 1" steel plate, less on thinner sheets or irregular surfaces.

● Drills except No. 4253-1 have dual mount gear case permitting reverse mounting of drill for close quarter work.

‡ 5/8"-11 or 1/2"-13 taps not recommended.

▲ NOTE...To adapt a 3/4" capacity chuck to 1-1/4" Drills with No. 3 internal Morse Taper Socket specify Chuck and Arbor Kit No. 49-22-1550, which consists of Chuck No. 48-66-2000 and Arbor No. 48-07-0100. These motors are capable of larger capacities when using 1/2" reduced Shank Twist Drills illustrated on page 32. Refer to the instruction manual for sizes.

* See page 42 for Steel Hawg™ Cutter capacities.

TYPE "A" GREASE FOR SINGLE SPEED

NO. 49-08-0500 1/2 LB. CAN

NO. 49-08-0800 1 LB. CAN

TYPE "E" GREASE FOR TWO SPEED

NO. 49-08-4121 1 LB. CAN

6' LENGTH SAFETY CHAIN

NO. 48-58-0080

Same as furnished with unit.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY STEEL HAWG™ CUTTERS

**LARGE HOLE CUTTERS MAXIMUM 2" DEPTH, UP TO 6" DIAMETER
FOR STEEL PLATE, STAINLESS STEEL, CAST IRON OR ALUMINUM**

FOR USE WITH MILWAUKEE ELECTROMAGNETIC DRILL PRESSES AND DRILL STANDS ★

3 TIMES FASTER THAN TWIST DRILLS IN STEEL, STAINLESS, NON-FERROUS

**MOTOR RECOMMENDATIONS FOR
PORTABLE USE OF STEEL HAWG™
CUTTERS WHEN CUTTING MILD
STEEL USING MILWAUKEE MAG-
NETIC DRILL STANDS**

One Piece STEEL HAWG™ CUTTERS 1 1/2" Cutting Depth, 1/2" Shank

DRILL MOTOR ▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/ONE PIECE STEEL HAWG™ CUTTER
4253-1	1/2"	11/16"-1-1/2"
4262-1	3/4"	11/16"-1-1/2"
4292-1	#3MT ★	11/16"-1-1/2"
4297-1	#3MT ★	11/16"-1-1/2"

▲ See pages 40 thru 41 for drill motor specifications.
★ Requires use of Chuck and Arbor Kit No. 49-22-1550.

2" Cutting Depth STEEL HAWG™ CUTTERS with Separate Arbor

DRILL MOTOR ▲ CATALOG NO.	CHUCK CAPACITY	CAPACITY W/2" DEPTH STEEL HAWG™ CUTTER
4262-1	3/4" ●	3/4"-4"
4292-1	#3MT ★	3/4"-4"
4297-1	#3MT ★	3/4"-5"

▲ See pages 40 thru 41 for drill motor specifications.
● Requires use of 3/4" Shank Arbor No. 49-57-0030.
★ Requires use of #3MT Arbor No. 49-57-0010.

SELECT STAND AND MOTOR COMBINATIONS FROM PGS. 40, 41

ONE PIECE STEEL HAWG™ CUTTERS 1 1/2" Cutting Depth

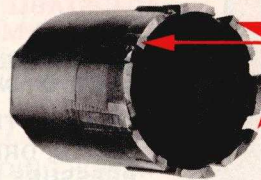
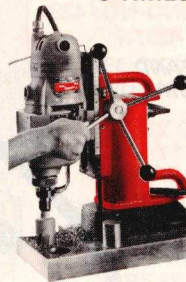
SIZES 11/16" thru 1-1/2"

Recommended for use
with MILWAUKEE Electromagnetic
Drill Presses and Drill Stands ★



3 MILLED FLATS 1/2" SHANK

CATALOG NUMBER	CUTTER SIZE	CATALOG NUMBER	CUTTER SIZE
49-57-8068	11/16"	49-57-8109	1-3/32"
49-57-8071	23/32"	49-57-8112	1-1/8"
49-57-8075	3/4"	49-57-8115	1-5/32"
49-57-8078	25/32"	49-57-8118	1-3/16"
49-57-8081	13/16"	49-57-8121	1-7/32"
49-57-8084	27/32"	49-57-8125	1-1/4"
49-57-8087	7/8"	49-57-8128	1-9/32"
49-57-8090	29/32"	49-57-8131	1-5/16"
49-57-8093	15/16"	49-57-8134	1-11/32"
49-57-8096	31/32"	49-57-8137	1-3/8"
49-57-8100	1"	49-57-8143	1-7/16"
49-57-8103	1-1/32"	49-57-8150	1-1/2"
49-57-8106	1-1/16"		



**CARBIDE TIPPED
MULTIPLE CUTTING EDGES**
MILWAUKEE STEEL HAWG™ CUT-
TERS are highly efficient carbide-tipped
cutting tools. Alternating inside and out-
side cutting edges are carefully honed to
cut holes rapidly with great precision.

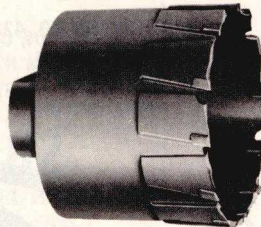
STEEL HAWG™ CUTTERS with their hardened carbide tips, also last
longer than regular twist drills. The STEEL HAWG™ CUTTERS multiple
cutting edges uniformly distribute the cutting over a wider area than a
two flute twist drill tip.

STEEL HAWG™ CUTTERS WITH SEPARATE ARBOR 2" Cutting Depth

SIZES 3/4" thru 6"

Recommended for use
with MILWAUKEE Electromagnetic
Drill Presses ★

See capacity recommendations
as listed at left.



ARBOR ASSEMBLIES FOR STEEL HAWG™ CUTTERS

Assemblies consist of Arbor,
Oil Hose and Oiler.



3 TYPES AVAILABLE
(See below)

NO. 2 MORSE TAPER ARBOR ASSEMBLY NO. 49-57-0020

NO. 3 MORSE TAPER ARBOR ASSEMBLY NO. 49-57-0010

3/4" SHANK ARBOR ASSEMBLY NO. 49-57-0030

ARBOR WRENCH SET NO. 49-96-0010 Necessary to disassemble arbor body.



HAWG WASH™ NO. 49-32-0080

(SOLD ONLY IN CASE LOTS)
NINE 16 OZ. BOTTLES
PER CASE

**ELIMINATE CUTTING FLUID EXPERIMENTA-
TION USE HAWG WASH™ WITH STEEL
HAWG™ CUTTERS** Hawg Wash™ is a water
soluble chemical fluid concentrate containing
stable sulphur and chlorine additives. This product
is designed for extreme pressure applications
(tough alloys and severe operations) but is also
excellent for general machining assignments.
Hawg Wash™ is very efficient due to its combina-
tion of high cooling and strong lubricating
characteristics. One 16 oz. bottle makes one gallon
of solution. Proper mixing of concentrate requires
mixing the concentrate into the water.

★ SEE PGS. 40, 41 FOR MAGNETIC DRILL PRESS

SEE PG. 23 FOR DRILL STAND



HEAVY-DUTY STEEL HAWG™

PERMANENT MAGNET METAL BORING SYSTEM

- 1/2" to 2" Dia. Holes in any Ferrous Material up to 1" Thick
- Self Contained, Automatic Pumping System provides proper cooling, lubrication with flow of Hawg Wash™

STRONG HOLDING POWER—EVEN ON 1/8" STEEL

**SUPER STRONG
PERMANENT
MAGNET**

NEW

4240

APPLICATIONS

- Through Bolt Hole Production for Steel Erection
- Switch Panel Manufacturing
- Shipyard Refitting
- Industrial Maintenance
- Metal Core Sampling
- General Metal Fabrication

**No Electricity Needed
to Maintain Holding Power**



**PORTABLE AND LIGHTWEIGHT
Only 35 Lbs.**

Magnetic Base Handle

Interlocks with motor switch to prevent switch from turning motor on, until magnet is energized.

Easy On/Easy Off Motor Switch

**Carrying
Handle**
Helps position
tool quickly and
accurately.

**Adjustable
for Right or
Left Hand
Operation**

Large Capacity Easy Fill Tank

Holds 21 oz. of
Hawg Wash™ solution.
Hawg Wash™ pumped by
self-contained automatic
pumping system.

**Hi/Lo Speed
Selector for
More Efficient
Metal Boring**

Super Strong Permanent Magnet

No electricity needed to
maintain holding power.

**Quick Change
Release Collar for
Fast Cutter
Change...
No Keys or
Wrench
Required**

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	H.P.	SPEED (NO LOAD) RPM	SPEEDS	DRILLING CAPACITY	TANK CAPACITY (OZ.)	MAX. DEPTH	HT.	DIMENSIONS W.	L.	NET WGT. (LBS.)	SHF. WGT. (LBS.)
4240	120	11.5	2	500/1000	2	2"	21	1"	14-1/4"	4-5/16"	16"	35	42

ACCESSORIES

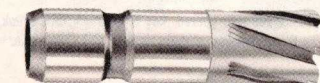
HAWG WASH™ CUTTING FLUID NO. 49-32-0080

A water soluble chemical fluid concentrate containing stable sulphur and chlorine additives, Hawg Wash™ cutting fluid is specifically designed for extreme pressure applications. This nontoxic, nonflammable solution is very efficient due to its combination of high cooling and strong lubricating characteristics. Combined with water, one 16 oz. bottle makes one gallon of solution. Available in case lots of nine 16 oz. bottles only.



SAFETY CHAIN NO. 48-58-0080

Heavy-duty six-foot length
with snap hook.



EJECTOR PIN ASSEMBLY NO. 44-60-0755

QUICK CHANGE STEEL HAWG™ CUTTERS

These durable carbide-tipped cutters penetrate metals three times faster, with less pressure and better results than twist drills. Quick Change Steel Hawk™ Cutters require no prepunching or pilot holes, cut accurately, minimize stock removal and leave a ream-like finish. Available in 26 sizes, from 1/2" to 2" diameters as shown below. All cutters have a maximum cutting depth of 1".

CATALOG NUMBER	DIAMETER	CATALOG NUMBER	DIAMETER	CATALOG NUMBER	DIAMETER
49-57-0250	1/2"	49-57-1063	1-1/16"	49-57-1563	1-9/16"
49-57-0563	9/16"	49-57-1126	1-1/8"	49-57-1626	1-5/8"
49-57-0625	5/8"	49-57-1188	1-3/16"	49-57-1688	1-11/16"
49-57-0688	11/16"	49-57-1218	1-7/32"	49-57-1751	1-3/4"
49-57-0751	3/4"	49-57-1251	1-1/4"	49-57-1813	1-13/16"
49-57-0813	13/16"	49-57-1313	1-5/16"	49-57-1876	1-7/8"
49-57-0876	7/8"	49-57-1376	1-3/8"	49-57-1938	1-15/16"
49-57-0938	15/16"	49-57-1438	1-7/16"	49-57-2001	2"
49-57-1001	1"	49-57-1501	1-1/2"		



HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD AND METAL

- COMPACT • LIGHTWEIGHT • IDEAL FOR OVERHEAD DRILLING • 3/8" CHUCK CAPACITY
- ALL BALL AND ROLLER BEARINGS • HEAT TREATED GEARS AND IMPACT MECHANISM

TRIGGER
SPEED CONTROL

5392-1 REV.

5397-1 REV. (KIT)

- IMPACT RESISTANT, NON-CONDUCTIVE MOTOR HOUSING AND HANDLE.
- ALUMINUM GEAR CASE AND DIAPHRAGM SUPPLIES GREATER SUPPORT FOR SHAFT AND BEARINGS.
- DEPTH GAUGE QUICKLY ADJUSTS TO ANY DRILLING DEPTH REQUIRED FOR ANCHORS.
- SIDE HANDLE CAN BE USED ON EITHER SIDE AND WITH OR WITHOUT DEPTH GAUGE.

Designed for fast percussion drilling in concrete or masonry and high speed drilling without hammering in wood or metal. When hammer-drilling, light pressure against work engages mechanism. Hammer action stops when not under load...prevents damage when idling.

Rubber dust shield over chuck in front of fluted collar protects against harmful abrasive dust.



STEEL CARRYING CASE

As furnished with kits.

When ordering separately use
NO. 48-55-0711

ACCESSORIES

- NO. 49-62-0090 RUBBER SHIELD NO. 48-66-4040 RUBBER-FLEX KEY HOLDER
NO. 49-08-4121 1 LB. CAN "E" GREASE For Gears NO. 49-08-0150 3 OZ. LUBRICANT FOR MECHANISM

SPECIFICATIONS

SPECIFICATIONS						CAPACITIES				SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
						TWIN DRILL BITS IN STEEL	FLAT BORING BITS IN WOOD	IN CONCRETE OR MASONRY							
								CARBIDE TIP BITS	SCREW FASTENERS						
CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MIN.										
5392-1 REV.	120	4.5	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	7
5397-1 REV. Kit	120	4.5	Speed Control	0-2,500	0-50,000	3/8"	3/4"	9/16"	3/16"	3/8"-24	48-66-0795	48-66-3240	11	4-1/2	15

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5392-1 REV.—Includes Hammer-Drill, depth gauge, removable side handle, rubber dust shield, 3/8" industrial, geared, key-type chuck and chuck key with holder.

FOR NO. 5397-1 REV.—Same as 5392-1 REV. Also includes 3/16" x 3", 1/4" x 4", 3/8" x 4" and 1/2" x 6" percussion carbide-tip bits and steel case.

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry



These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	48-20-6170	11/64	3
3/16	48-20-6180	3/16	3
7/32	48-20-6220	3/16	3
1/4	48-20-6250	1/4	4
1/4	48-20-6251	1/4	6
9/32	48-20-6280	17/64	4
5/16	48-20-6310	17/64	4
5/16	48-20-6311	17/64	6
3/8	48-20-6380	5/16	4
3/8	48-20-6381	5/16	6
3/8	48-20-6382	5/16	13-1/2
7/16	48-20-6440	3/8	6
15/32	48-20-6470	3/8	6
1/2	48-20-6500	3/8	6
1/2	48-20-6501	3/8	13-1/2
9/6	48-20-6560	3/8	6



**SOLD IN
DURABLE
VINYL
SLEEVES**

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY MAGNUM® HAMMER-DRILLS

TRIGGER SPEED CONTROL MODELS WITH QUIK-LOK CORD SETS

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

5370-1

5371-1 (KIT)

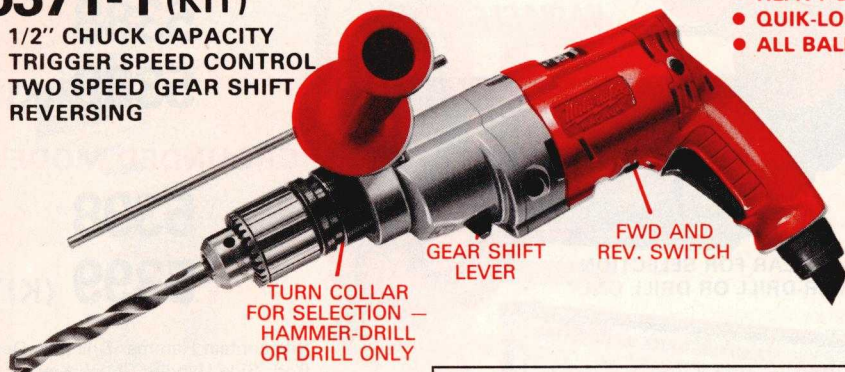
- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- TWO SPEED GEAR SHIFT
- REVERSING

EXCLUSIVE MAGNUM® FEATURES

- REMOVABLE BRUSH CARTRIDGE SYSTEM
- SELF-STOPPING BRUSHES
- STORAGE FOR EXTRA CARBONS — BRUSH HOLDER SCREW
 - HEAVY-DUTY INDUSTRIAL CHUCK
 - QUIK-LOK CORD SETS
 - ALL BALL AND ROLLER BEARINGS

• DRIVE CONCRETE SCREW FASTENERS

No. 5370-1 Rev. speeds up installation work when used with concrete screw fastening systems. The tool drills the hole and drives the screw. Simply drill the pilot hole, slide the drive unit over the bit and drive the screw into the hole. There is no need to remove the bit or adjust the drill. Concrete screw fasteners can be used to fasten a variety of materials and fixtures to concrete including wood and metal, electrical boxes, light fixtures, duct straps and window frames.



REPLACEMENT CHUCK NO. 48-66-1365
(CHUCK KEY INCLUDED)

REPLACEMENT CHUCK KEY NO. 48-66-3280

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES							SPINDLE DIAMETER AND THREAD	LGTH. (INS.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
						WOOD					STEEL	CONCRETE				
						FLAT BORING BIT	AUGER BIT	SHIP AUGER BIT	SELF-ED BIT	HOLE SAW	TWIST DRILL	CARBIDE TIP BIT	SCREW FASTENERS			
5370-1 REV.	120	4.5	Low	0-1,000	0-20,000	1-1/2"	7/8"	7/8"	1-1/8"	3-1/4"	1/2"	5/8"	1/4"	1/2"-20	13	5-3/4
			High	0-3,600	0-72,000	SET GEAR SHIFT TO LOW SPEED SETTING WHEN BORING HOLES IN WOOD					—	3/8"	—			

5371-1 REV. Kit

Same as 5370-1 but with steel carrying case and bits

15-1/4

"REV." after Catalog Number indicates reversing motor.

STANDARD EQUIPMENT

FOR NO. 5370-1 REV. — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5371-1 REV. — Same as 5370-1 REV. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

5372-1

5373-1 (KIT)

- 3/8" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- REVERSING

5374-1

5375-1 (KIT)

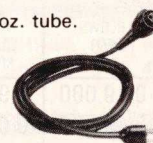
- 1/2" CHUCK CAPACITY
- TRIGGER SPEED CONTROL
- REVERSING

TYPE "E" GREASE
NO. 49-08-4121
For gears — 1 lb. can.

SPECIAL LUBRICANT
NO. 49-08-0150
For mechanism — 3 oz. tube.

QUIK-LOK CORD SETS

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	NO. 48-76-3008
25' QUIK-LOK	NO. 48-76-3025
50' QUIK-LOK	NO. 48-76-3050



STEEL CARRYING CASE

NO. 48-55-0711
Case only for all
MAGNUM®
Hammer-Drills.



SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	SPEED	NO LOAD RPM	BLOWS PER MINUTE	CAPACITIES			SPINDLE DIAMETER AND THREAD	REPLACEMENT CHUCK CATALOG NO. (CHUCK KEY INCLUDED)	REPLACEMENT CHUCK KEY CATALOG NO.	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
						WOOD	STEEL	CONCRETE						
						FLAT BORING BIT	TWIST DRILL	CARBIDE TIP BIT						
5372-1	120	4.5	Speed Control	0-3,500	0-70,000	5/8"	1/4"	3/8"	3/8"-24	48-66-0795	48-66-3240	11-1/4	5	6-1/4
5373-1 Kit														14-1/4
5374-1	120	4.5	Speed Control	0-2,500	0-50,000	3/4"	3/8"	9/16"	1/2"-20	48-66-1365	48-66-3280	11-1/2	5-1/4	6-1/2
5375-1 Kit														14-1/2

STANDARD EQUIPMENT

FOR NO. 5372-1 — Includes Hammer-Drill, 8' Quik-Lok cord, depth gauge, adjustable side handle and chuck key with holder.

FOR NO. 5373-1 — Same as above. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6251, 1/4"; No. 48-20-6380, 3/8" and steel carrying case No. 48-55-0711.

FOR NO. 5374-1 — Same as 5372-1.

FOR NO. 5375-1 — Same as 5372-1. Also includes one each percussion carbide-tip bit No. 48-20-6180, 3/16"; No. 48-20-6250, 1/4"; No. 48-20-6380, 3/8"; No. 48-20-6500, 1/2" and steel carrying case No. 48-55-0711.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY HAMMER-DRILLS

FOR PERCUSSION CARBIDE BIT DRILLING IN CONCRETE AND MASONRY
AND DRILLING WITHOUT HAMMERING IN WOOD OR METAL

2 WAY ACTION • HAMMERING WITH ROTATION • ROTATION ONLY

NO HOURLY OR DAILY OILING —
GREASE PERIODICALLY
DEPENDING ON AMOUNT
OF USE

DOUBLE INSULATED MODELS

VARIABLE SPEED

5388

5389 (KIT)

GROUNDING MODELS

5398

5399 (KIT)

- HAMMER-DRILL UP TO 7/8" HOLES IN CONCRETE OR MASONRY
- DRILL WOOD — STEEL LARGE CAPACITIES, HIGH TORQUE
- ADJUSTABLE SIDE HANDLE FOR MAXIMUM CONTROL
- DEPTH ROD EASILY ADJUSTED BY LOOSENING SIDE HANDLE
- ALL BALL AND ROLLER BEARINGS

• TURN COLLAR FOR SELECTION —
HAMMER-DRILL OR DRILL ONLY



Kits contain Hammer-Drill plus Depth Rod, Side Handle, Chuck Key and Steel Carrying Case.

STEEL CARRYING CASE ONLY
NO. 48-55-0215

TYPE "E" GREASE
NO. 49-08-4121 1 lb. Can
For Gears

SPECIAL LUBRICANT NO. 49-08-0150
For mechanism — 3 oz. tube.

SPECIFICATIONS

1/2" CHUCK CAPACITY

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	FLAT BORING BITS	HOLE SAW	AUGER BITS	SHIP AUGER BITS	SELF- FEED BITS	TWIST DRILL	CARBIDE TIP BIT		LENGTH (INS.)	NET WGT. LBS.	SHP. WGT. LBS.
											SOFT	HARD			
5388●	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9
5389 KIT●	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18
5398	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	7-1/2	9
5399 KIT	120	6.2	0-19,000	0-950	1-1/2"	3-1/2"	1"	1-1/8"	1-1/2"	1/2"	7/8"	5/8"	15-1/2"	17	18

STANDARD EQUIPMENT: Depth Rod, Side Handle and Chuck Key No. 48-66-3280.

• Double Insulated.

CHUCK AND CHUCK KEY
NO. 48-66-1365
CHUCK KEY ONLY
NO. 48-66-3280
KEY HOLDER ONLY
NO. 48-66-4040

PERCUSSION CARBIDE-TIP BITS For drilling concrete and masonry



These Carbide-Tip Bits are especially made with round shanks for use with Hammer-Drills. Alloy steel shanks and bodies for durability and long life. Highest quality carbide tips brazed to steel bodies resist dulling, stay

sharp longer and can be resharpened often. Wide spiral with shallow oval flutes removes dust fast to assure maximum drilling efficiency.

BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.	BIT DIA. INS.	CATALOG NUMBER	SHANK DIA. INS.	OVERALL LGTH. INS.
11/64	48-20-6170	11/64	3	3/8	48-20-6382	5/16	13-1/2
3/16	48-20-6180	3/16	3	7/16	48-20-6440	3/8	6
7/32	48-20-6220	3/16	3	15/32	48-20-6470	3/8	6
1/4	48-20-6250	1/4	4	1/2	48-20-6500	3/8	6
1/4	48-20-6251	1/4	6	1/2	48-20-6501	3/8	13-1/2
9/32	48-20-6280	17/64	4	9/16	48-20-6560	3/8	6
5/16	48-20-6310	17/64	4	5/8	48-20-6620	1/2	6
5/16	48-20-6311	17/64	6	11/16	48-20-6690	1/2	6
3/8	48-20-6380	5/16	4	3/4	48-20-6750	1/2	6
3/8	48-20-6381	5/16	6	7/8	48-20-6880	1/2	6



**SOLD IN
DURABLE
VINYL
SLEEVES**



5332

Milwaukee

HEAVY-DUTY

**2000
BLOWS
PER MIN.**

DEMOLITION HAMMER

**FAST BREAKUP OF CONCRETE, ASPHALT,
CLAY, COMPACTED DIRT
QUICKLY LOOSENED WITH CLAY SPADE**

2000 BLOWS PER MIN.

- COMPLETELY SEALED MECHANISM EXCLUDES ABRASIVE DUST INSIDE
- AIR CUSHIONED SYSTEM DELIVERS MAXIMUM BLOW TO BIT—SMOOTH OPERATING TO REDUCE FATIGUE
- HANDLES A WIDE RANGE OF HAMMER IRON
- HEAVY-DUTY MILWAUKEE-BUILT MOTOR
- 3 POSITION PIPE HANDLE
- ALL BALL AND ROLLER BEARINGS
- EASY ACCESS BRUSH COVERS
- CONVENIENT TWO FINGER TRIGGER SWITCH

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	BLOWS PER MINUTE	LENGTH	NET WEIGHT LBS.	SHP. WEIGHT LBS.
5332	120	13	2000	27-3/4"	34	65

STANDARD EQUIPMENT: Demolition Hammer, Steel Carrying Case, Auxiliary Pipe Handle and "F" Grease.

ACCESSORIES



STEEL CARRYING CASE
(When ordered separately)
NO. 48-55-0725



12" BULL POINT NO. 48-62-0165
20" BULL POINT NO. 48-62-0175



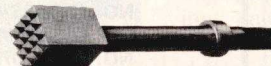
12" COLD CHISEL NO. 48-62-0065
20" COLD CHISEL NO. 48-62-0075



SCALING CHISEL NO. 48-62-0155



SLOTting TOOL NO. 48-62-0225



BUSHING TOOL NO. 48-62-0900 Used to surface concrete.
BUSHING TOOL HEAD NO. 48-62-0910 Replacement.



CLAY SPADE NO. 48-62-1000



FROST SPADE NO. 48-62-0350



GROUND ROD DRIVER NO. 48-62-6000
Drives 5/8" or 3/4" electrical grounding rods.

TYPE "E" GREASE
1 lb. can
NO. 49-08-4121

TYPE "F" GREASE
2 oz. tube
NO. 49-08-4130

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES
THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY 3/4" ROTARY HAMMER

FOR PERCUSSION CARBIDE-BIT DRILLING IN CONCRETE AND MASONRY

3 WAY ACTION • HAMMERING WITH ROTATION • HAMMERING ACTION ONLY* • ROTATION ONLY

*Order accessories separately for hammering action only.

5351 (KIT)

5357 (KIT)

STEEL CARRYING CASE
FURNISHED WITH
BOTH MODELS



**NO HOURLY OR DAILY OILING —
GREASE PERIODICALLY . . .
DEPENDING ON AMOUNT OF USE**

- "A" TAPER BITS FIT DIRECTLY INTO NOSE
- SIDE HANDLE USED ON EITHER SIDE
- ALL BALL AND ROLLER BEARING



**STEEL CARRYING CASE ONLY
NO. 48-55-1520**

SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO LOAD RPM	LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
5351	7/8"	120	6.2	2500	1100	18-3/8	10	21
5357	7/8"	120	6.2	2500	1100	18-3/8	10	22

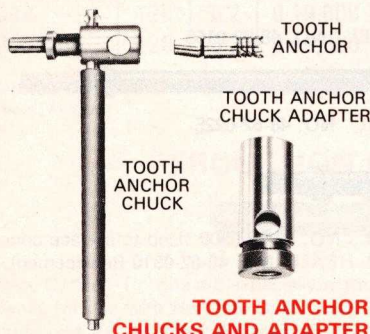
NO. 5351 ROTARY HAMMER KIT

Includes 3/4" Rotary Hammer with "A" taper adapter, drift key, auxiliary side handle, depth gauge, dust shield, 3 oz. tube of lubricant for mechanism and steel carrying case.

NO. 5357 ROTARY HAMMER KIT

Same as above. Also includes six "A" taper bits 1/4" x 4", 3/8" x 4-1/2", 7/16" x 4-1/2", 1/2" x 4-1/2", 9/16" x 5" and 5/8" x 5".

ACCESSORIES



**TOOTH ANCHOR
CHUCKS AND ADAPTER**

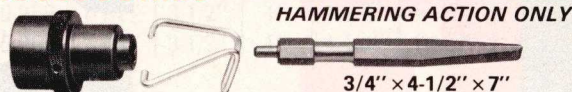
Round shank for hammering action only — manual rotation.

NO. 48-66-6720 For Bolt Size { 1/4"-3/16" Anchor { 7/16"
NO. 48-66-6730 { 3/8" O.D. { 9/16"

CHUCK ADAPTER For tooth anchor chucks
NO. 48-03-3615

NO. 48-86-0100 DRIFT PIN
NO. 49-68-0075 RETAINING SPRING

TOOTH ANCHOR CHUCK KIT
NO. 49-22-2050 Includes all items listed above.



HAMMERING ACTION ONLY

CHISEL AND CHISEL ADAPTER Adapter permits hammering action only for chiseling applications.
NO. 48-03-3620 CHISEL ADAPTER Fastens to nose of tool.
NO. 48-62-0300 CHISEL Use retaining spring NO. 49-68-0075.
NO. 49-68-0075 RETAINING SPRING

1/2" INDUSTRIAL CHUCK AND ADAPTER Not recommended for hammering applications. Use with rotation only.
NO. 48-03-3590 CHUCK ADAPTER "A" taper shank. 1/2"-20 threaded end.
NO. 48-66-1365 1/2" CHUCK — Chuck Key included.



MISCELLANEOUS ACCESSORIES

- 48-03-3610** • "A" Taper Bit Adapter
- 48-86-0050** • Drift Key for above
- 49-96-0080** • Socket Wrench for Depth Gauge
- 49-62-0080** • Dust Shield
- 49-08-0150** • 3 oz. Lubricant for Mechanism
- 48-55-1520** • Steel Carrying Case
- 49-68-0075** • Retaining Spring
- 49-08-0500** • 1/2 Lb. Can "A" Grease for Gears
- 49-08-0800** • 1 Lb. Can "A" Grease for Gears
- Same as furnished with tool.



**FAST SPIRAL "A" TAPER
PERCUSSION CARBIDE-TIP BITS**

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3181	4	2
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3



**"A" TAPER
PERCUSSION CARBIDE-TIP BITS**

BIT DIA. (INS.)	CATALOG NUMBER	OVERALL LENGTH (INS.)	MAX. DRILLING DEPTH (INS.)
3/16	48-20-3180	4	2
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3



HEAVY-DUTY 1-1/4" and 1-1/2" ROTARY HAMMERS

FAST, LIGHTWEIGHT, POWERFUL U.S. 1 ROTARY HAMMERS
DELIVER MAXIMUM RESULTS WITH MINIMAL USER EFFORT! HEAVY-DUTY FOR CONTINUOUS USE. IDEAL FOR CLOSE CORNER AND OVERHEAD APPLICATIONS.



• **DEPTH ROD** for drilling holes to a preset depth.

• **BIT LOCK** is designed for fast bit replacement.

• **SIDE HANDLE** is fully adjustable and can be rotated 360 degrees.

- **BALL AND ROLLER BEARINGS**
- **HEAVY-DUTY AC-DC SEALED SWITCH** Two Finger Trigger
- **SELF-STOPPING LONG LIFE BRUSH SYSTEM**
- **EXTRA STRENGTH FLEXIBLE CORD** with rugged separate strain relief.
- **ELECTRO-PNEUMATIC HAMMER MECHANISM** delivers powerful blows with minimum operator pressure. Special design increases efficiency while reducing the size and weight of tool.
- **NO HOURLY OR DAILY OILING REQUIRED**

- **COMPACT MOTOR HOUSING** designed for easy handling and for operation in close quarters. Low weight of the hammer makes it ideal for overhead drilling applications.
- **LONG-LIFE SELF CONTAINED SLIP CLUTCH** When bit jams, clutch slips—rotary action stops.
- **INTERNAL-EXTERNAL "CAPTIVE" DUST SHIELD** inside of the tool and also extends over nose for greater protection against harmful dust.
- **EPOXY-COATED FIELD** provides the abrasion resistance needed when drilling continuously in concrete and stone. Increases the life of the tool while reducing service time.



STEEL CARRYING CASE ONLY
NO. 48-55-0580

1-1/4" ROTARY HAMMERS

4" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS

5343

WITH STEEL
CARRYING CASE

5344

WITH STEEL
CARRYING CASE
AND ACCESSORIES

1-1/2" ROTARY HAMMERS

6" DIA. CAPACITY IN CONCRETE/MASONRY WITH PERCUSSION CORE BITS

5347

WITH STEEL
CARRYING CASE

5348

WITH STEEL
CARRYING CASE
AND ACCESSORIES

SPECIFICATIONS

CATALOG NUMBER	MAXIMUM CAPACITY	VOLTS AC-DC	AMPS	BLOWS PER MIN.	NO. LOAD RPM	LENGTH (INCHES)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
5343	1-1/4"	120	8	3150	600	17-1/4	13	21
5344	1-1/4"	120	8	3150	600	17-1/4	13	28-1/2
5347	1-1/2"	120	8.5	3150	500	17-1/4	13-1/2	21-1/2
5348	1-1/2"	120	8.5	3150	500	17-1/4	13-1/2	29

STANDARD EQUIPMENT:

NOS. 5343 and 5347—Include Rotary Hammer, Steel Carrying Case, Side Handle and Depth Gauge.
NOS. 5344 and 5348—Same as above. Also include 1/2" x 16", 5/8" x 16" and 3/4" x 16" splined shank bit, 12" bull point, 12" cold chisel and an "A" taper chuck.

STOP-ROTATION CONTROL available on Nos. 5347 and 5348 only.



NO. 5347 AND 5348 ROTARY HAMMERS are equipped with a Stop-Rotation lever which disengages the rotary action, allowing hammer action only. This feature allows the tool to set self-drilling tooth anchors up to 7/8".

BIT AND CHISEL ASSORTMENT* NO. 48-20-4200

Consists of one each of the following:

- NO. 48-20-4051** 1/2" Dia. x 16" long Spline Shank Bit
- NO. 48-20-4063** 5/8" dia. x 16" long Spline Shank Bit
- NO. 48-20-4076** 3/4" dia. x 16" long Spline Shank Bit
- NO. 48-62-2000** 12" Bull Point Chisel
- NO. 48-62-2020** 12" Cold Chisel
- NO. 48-66-6502** "A" Taper Adapter

* Same as included with Nos. 5344 and 5348.

**SEE PAGES 50, 51 FOR ADDITIONAL
ROTARY HAMMER ACCESSORIES**



SPLINE SHANK BITS

MILWAUKEE **U.S.-1** Rotary Hammer is designed for use with the Spline Shank Bits and adapters. The 12 tooth configuration allows for maximum efficiency and less wear on bit and hammer. MILWAUKEE SPLINE SHANK BITS fit directly into the nose of the tool for positive rotation response.



HAMMER TOOLS

The hammer irons fit directly into the nose of the tool. Milled flat, allows hammer iron to be locked in place.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY ROTARY HAMMER ACCESSORIES

SPLINE DRIVE BITS AND TOOTH ANCHOR CHUCKS

ROTARY HAMMER ACCESSORIES ON PAGES 49 AND 50 FIT
MILWAUKEE ROTARY HAMMERS 5343, 5344, 5347, 5348
and the following competitive hammers:

B & D 5041-42-43-44 (MACHO)
BOSCH 11202-03-05-09
AEG PH 350-350D, PH 240D,
PH 38, PHD 38, PHD 26, PHA 38

METABO RH-66, RH-99, RH-99X
PHILLIPS 747-2
MAKITA HR 3851



NO ADAPTER REQUIRED

Bits fit directly into tool

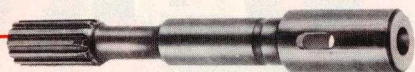
RED CATALOG NOS. ARE NOT
RECOMMENDED FOR USE WITH
MODELS 5343 AND 5344.

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/8	48-20-4037	10	4
1/2	48-20-4050	10	4
1/2	48-20-4051	16	4
1/2	48-20-4052	22	16
9/16	48-20-4056	10	4
5/8	48-20-4062	10	4
5/8	48-20-4063	16	10
5/8	48-20-4064	22	16
11/16	48-20-4068	16	10

ONE PIECE WITH SPLINED SHANK

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/4	48-20-4075	10	4
3/4	48-20-4076	16	10
3/4	48-20-4078	22	16
13/16	48-20-4081	16	10
7/8	48-20-4087	16	10
7/8	48-20-4088	22	16
1	48-20-4100	16	10
1	48-20-4101	22	16

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1-1/8	48-20-4112	16	10
1-1/8	48-20-4113	22	16
1-1/4	48-20-4125	16	10
1-1/4	48-20-4126	22	16
1-3/8	48-20-4137	16	10
1-3/8	48-20-4138	22	16
1-1/2	48-20-4150	16	10
1-1/2	48-20-4151	22	16



"A" TAPER ADAPTERS

Use with "A" taper bits
NO. 48-66-6502

DRIFT PIN

One is included with
each adapter
NO. 48-86-0120

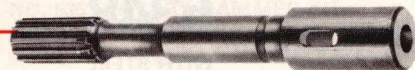
BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3251	4	2
1/4	48-20-3253	6	4
5/16	48-20-3311	4-1/2	2-1/2
5/16	48-20-3313	6	4
3/8	48-20-3383	4-1/2	2-1/2
3/8	48-20-3384	9	7
3/8	48-20-3385	12	10



FAST SPIRAL "A" TAPER BITS USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/16	48-20-3441	4-1/2	2-1/2
1/2	48-20-3503	9	7
1/2	48-20-3504	4-1/2	2-1/2
1/2	48-20-3505	12	10
9/16	48-20-3561	5	3
9/16	48-20-3562	9	7
5/8	48-20-3623	5	3

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
5/8	48-20-3624	9	7
5/8	48-20-3625	12	10
11/16	48-20-3691	5	3
3/4	48-20-3791	5-1/2	3-1/2
3/4	48-20-3796	9	7
7/8	48-20-3861	5	3



"A" TAPER ADAPTERS

Use with "A" taper bits
NO. 48-66-6502

DRIFT PIN

One is included with
each adapter
NO. 48-86-0120

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/4	48-20-3250	4	2
1/4	48-20-3252	6	4
5/16	48-20-3310	4-1/2	2-1/2
5/16	48-20-3312	6	4
3/8	48-20-3380	4-1/2	2-1/2
3/8	48-20-3381	9	7
3/8	48-20-3382	12	10



"A" TAPER BITS USE "A" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/16	48-20-3440	4-1/2	2-1/2
15/32	48-20-3470	4-1/2	2-1/2
1/2	48-20-3499	9	7
1/2	48-20-3500	4-1/2	2-1/2
1/2	48-20-3501	12	10
9/16	48-20-3559	5	3
9/16	48-20-3560	9	7

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
5/8	48-20-3619	5	3
5/8	48-20-3620	9	7
5/8	48-20-3621	12	10
11/16	48-20-3690	5	3
3/4	48-20-3790	5-1/2	3-1/2
3/4	48-20-3795	9	7
7/8	48-20-3860	5	3



"B" TAPER ADAPTER

Use with "B" taper bits
and tooth anchor chucks
NO. 48-66-6503

DRIFT PIN

One is included with
each adapter
NO. 48-86-0120

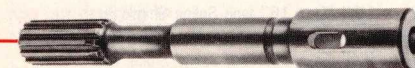
BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4



"B" TAPER BITS USE "B" TAPER ADAPTERS

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
11/16	48-20-3680	9	6-3/4
3/4	48-20-3750	9	6-3/4
27/32	48-20-3840	9	6-3/4

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
7/8	48-20-3870	9	6-3/4
1	48-20-3100	9	6-3/4



"B" TAPER ADAPTER

Use with "B" taper bits
and tooth anchor chucks
NO. 48-66-6503

DRIFT PIN

One is included with
each adapter
NO. 48-86-0120

TOOTH
ANCHOR
CHUCK

ANCHOR

TOOTH ANCHOR CHUCKS

SELF-DRILLING ANCHOR APPLICATION
USE "B" TAPER ADAPTER NO. 48-66-6503 AND DRIFT PIN NO. 48-86-0100

CATALOG NUMBER	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

DRIFT PIN NO. 48-86-0100

is not furnished with each tooth
anchor chuck. Order separately.



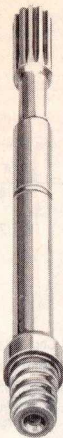
HEAVY-DUTY ROTARY HAMMER ACCESSORIES

SDS BITS, CORE BITS AND HAMMER TOOLS FOR MODELS 5343, 5344, 5347 and 5348

THICK WALL CORE BIT ADAPTERS

(Order Separately)

For 1" to 1-3/8" Core Bits
12" long NO. 48-03-3562
For 1" to 1-3/8" Core Bits
18" long NO. 48-03-3563
For 1-1/2" to 6" Core Bits
12" long NO. 48-03-3564
For 1-1/2" to 6" Core Bits
18" long NO. 48-03-3565



7-1/2" EXTENSIONS

(OPTIONAL—ORDER SEPARATELY)

For Adapter
Nos. 48-03-3562, 3563
NO. 48-95-6080
For Adapter
Nos. 48-03-3564, 3565
NO. 48-95-6085



THICK WALL CORE BITS

Usable Cutting Depth 4-3/8"

RED CATALOG NOS.
ARE NOT
RECOMMENDED
FOR USE WITH
MODELS 5343, 5344.

CAT. NO.	BIT SIZE
48-20-5105	1"
48-20-5110	1-1/8"
48-20-5115	1-1/4"
48-20-5120	1-3/8"
48-20-5125	1-1/2"
48-20-5130	1-3/4"
48-20-5135	2"
48-20-5140	2-1/2"
48-20-5145	3"
48-20-5150	3-1/2"
48-20-5155	4"
48-20-5160	5"
48-20-5165	6"

CENTER PIN*

(Same as furnished with
Thick Wall Core Bits)

For 1-1/4" to 1-3/8" Bits
NO. 48-20-5198

For 1-1/2" to 6" Bits
NO. 48-20-5199

* 1" and 1-1/8" Core Bits do
not require a center pin.

REPLACEMENT GUIDE PLATES

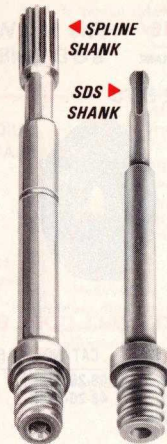
(Furnished with Core Bit)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5172	3"
48-20-5167	1-3/8"	48-20-5173	3-1/2"
48-20-5168	1-1/2"	48-20-5174	4"
48-20-5169	1-3/4"	48-20-5175	5"
48-20-5170	2"	48-20-5176	6"
48-20-5171	2-1/2"		

THIN WALL CORE BIT ADAPTERS

(Order Separately)

SPLINE SHANK
For 1" to 1-1/2" Core Bits
12" long NO. 48-03-3535
For 1" to 1-1/2" Core Bits
18" long NO. 48-03-3536
For 1-3/4" to 6" Core Bits
12" long NO. 48-03-3540
For 1-3/4" to 6" Core Bits
18" long NO. 48-03-3541



SDS SHANK FOR COMPETITIVE MODELS

AEG PHE 16RL, PHE 20, PH 210; B
& D 5014, RYOBI ED-211; BOSCH
11207, 11210 VSR, 11211 VS,
11212 VSR, 11213 K; KANGO 327;
HILTI TE 17/22; PHILLIPS 555,
715; HITACHI VRT-22-A, DH 28V,
DH 50; MAKITA HR 1821, HR
2511.

For 1" to 1-1/2" Core Bits
8" long NO. 48-03-3545
For 1" to 1-1/2" Core Bits
12" long NO. 48-03-3551
For 1-3/4" to 6" Core Bits
8" long NO. 48-03-3555
For 1-3/4" to 6" Core Bits
12" long NO. 48-03-3561



7-1/2" EXTENSIONS

(OPTIONAL—ORDER SEPARATELY)

For Adapter
Nos. 48-03-3535, 3536, 3545, 3551
NO. 48-95-6070
For Adapter
Nos. 48-03-3540, 3541, 3555, 3561
NO. 48-95-6075

THIN WALL CORE BITS

Usable Cutting Depth 3"
RED CATALOG NOS. ARE NOT
RECOMMENDED FOR USE WITH
MODELS 5343 AND 5344.

CAT. NO.	BIT SIZE
48-20-5005	1"
48-20-5010	1-1/8"
48-20-5015	1-1/4"
48-20-5020	1-3/8"
48-20-5025	1-1/2"
48-20-5030	1-3/4"
48-20-5035	2"
48-20-5038	2-3/8"
48-20-5040	2-1/2"
48-20-5045	3"
48-20-5050	3-1/2"
48-20-5055	4"
48-20-5060	5"
48-20-5065	6"

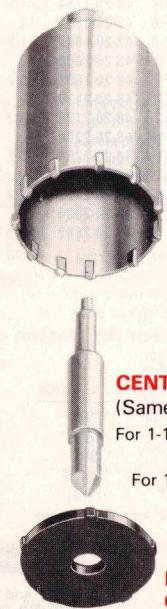
CENTER PIN*

(Same as furnished with Core Bits)

For 1-1/4" to 1-1/2" Bits
NO. 48-20-6150

For 1-3/4" to 6" Bits
NO. 48-20-6155

* 1" and 1-1/8" Core Bits do
not require a center pin.



REPLACEMENT GUIDE PLATES

(Furnished with Core Bit)

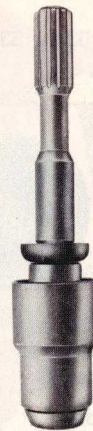
CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-6151	1-1/4"	48-20-6158	2-1/2"
48-20-6152	1-3/8"	48-20-6159	3"
48-20-6153	1-1/2"	48-20-6160	3-1/2"
48-20-6156	1-3/4"	48-20-6161	4"
48-20-6157	2"	48-20-6162	5"
48-20-6154	2-3/8"	48-20-6163	6"

SDS ADAPTER

For use with SDS bits
NO. 48-03-3015

SDS Bits also fit without adapter in
competitive models:

AEG PHE 16RL, PHE 20, PH 210; B & D 5014;
RYOBI ED-211; BOSCH 11207, 11210 VSR, 11211
VS, 11212 VSR, 11213 K; KANGO 327; HILTI TE
17/22; PHILLIPS 555, 715; HITACHI VRT-22-A, DH
28V, DH50; MAKITA HR 1821, HR 2511.



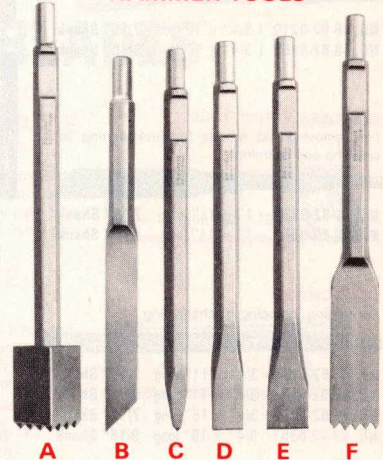
SDS BITS

FOR USE WITH SDS ADAPTER

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
3/16	48-20-7000	4-1/2	2
1/4	48-20-7005	4-1/2	2
1/4	48-20-7010	6-1/4	4
5/16	48-20-7015	6-1/4	4
3/8	48-20-7020	10-1/2	8
3/8	48-20-7025	12-1/2	10
7/16	48-20-7030	6-1/2	4
1/2	48-20-7035	10-1/2	8
1/2	48-20-7040	12-1/2	10
9/16	48-20-7045	10-1/2	8
5/8	48-20-7050	9-1/2	7
5/8	48-20-7055	12-1/2	10
3/4	48-20-7060	10	7-1/2
3/4	48-20-7065	12-1/2	10
7/8	48-20-7070	10	7-1/2
7/8	48-20-7075	18	15-1/2



HAMMER TOOLS



A BUSHING TOOLS

Used to surface concrete, 1-1/2" x 12-1/2" long NO. 48-62-2070.
Bushing Tool head only NO. 48-62-0910

B MORTAR CUTTING CHISELS

For removing old mortar for tuck pointing or caulking.
12" long NO. 48-62-2080 18" long NO. 48-62-2090

C BULL POINTS

For light demolition work.
12" long NO. 48-62-2000 18" long NO. 48-62-2010

D COLD CHISELS

For edging, chipping or channeling.
12" long NO. 48-62-2020 18" long NO. 48-62-2030

E SCALING CHISELS

For removing weld spatter or scale and cutting between drilled
holes in concrete for large openings.
1-1/4" x 12" long NO. 48-62-2040 2" x 12" long NO. 48-62-2050

F SLOTTING CHISEL

For slotting and cutting between drilled holes in concrete and
masonry.
1-1/2" x 12" long NO. 48-62-2060



HEAVY-DUTY ROTARY HAMMER ACCESSORIES

FOR ROTARY HAMMER MODELS 5300, 5310, 5325



Fits MILWAUKEE 5300, 5310, 5305, 5315
and Skil 726.



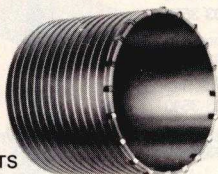
Fits MILWAUKEE 5325, 5326, Skil 731, 732,
B&D 5048 and Rockwell 602, 1602.

ROTARY PERCUSSION CORE BITS

THICK WALL CORE BIT ADAPTERS



THICK WALL CORE BITS



CENTER PIN



GUIDE
PLATES

REPLACEMENT GUIDE PLATES

(Same as Furnished with Thick Wall Core Bits)

CAT. NO.	DIA.	CAT. NO.	DIA.
48-20-5166	1-1/4"	48-20-5169	1-3/4"
48-20-5167	1-3/8"	48-20-5170	2"
48-20-5168	1-1/2"	48-20-5171	2-1/2"

THICK WALL CORE BIT ADAPTERS

(Order Separately)

7/16" Hex For 1"-1-3/8" Core Bits 18" long NO. 48-03-3566
7/16" Hex For 1-1/2"-2-1/2" Core Bits 18" long NO. 48-03-3567
9/16" Hex For 1"-1-3/8" Core Bits 18" long NO. 48-03-3568
9/16" Hex For 1-1/2"-2-1/2" Core Bits 18" long NO. 48-03-3569

ROTARY PERCUSSION THICK WALL CORE BITS

CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE	CAT. NO.	BIT SIZE
48-20-5105	1"	48-20-5120	1-3/8"	48-20-5135	2"
48-20-5110	1-1/8"	48-20-5125	1-1/2"	48-20-5140	2-1/2"
48-20-5115	1-1/4"	48-20-5130	1-3/4"		

CENTER PIN*

(Same as furnished with Thick Wall Core Bits)

For 1-1/4" to 1-3/8" Bits NO. 48-20-5198

For 1-1/2" to 2-1/2" Bits NO. 48-20-5199

* 1"-1-1/8" Bits do not require a center pin.

CORE BIT ADAPTERS FOR PREVIOUSLY DISCONTINUED ROTARY PERCUSSION CORE BITS NOS. 48-20-(5250, 5510, 5760, 6010 AND 6050).

CORE BIT ADAPTER
7/16" and 9/16" Hex Shank



CORE BIT ADAPTERS

(Order Separately)

7/16" Hex For 1-1/4" Core Bits NO. 48-03-3515
9/16" Hex For 1-1/4" Core Bits NO. 48-03-3530
7/16" Hex For 1-1/2"-2-1/2" Core Bits NO. 48-03-3505
9/16" Hex For 1-1/2"-2-1/2" Core Bits NO. 48-03-3520

HAMMER IRON

For chiseling, channeling, light
demolition work, chipping, scal-
ing, slotting and tuckpointing.

SCALING CHISEL

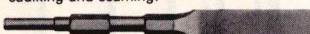
For removing weld spatter or scale and cutting
between drilled holes in concrete for large
openings.



NO. 48-62-0210 1-3/4" x 10" long 7/16" Shank
NO. 48-62-0355 1-3/4" x 10" long 9/16" Shank

MORTAR CUTTING CHISEL

For removing old mortar for tuckpointing or
caulking and seaming.



NO. 48-62-0230 1" x 11" long 7/16" Shank
NO. 48-62-0362 1" x 11" long 9/16" Shank

COLD CHISEL

For edging, chipping or channeling.



NO. 48-62-0250 3/4" x 11" long 7/16" Shank
NO. 48-62-0365 3/4" x 11" long 9/16" Shank
NO. 48-62-0252 3/4" x 18" long 7/16" Shank
NO. 48-62-0367 3/4" x 18" long 9/16" Shank

BULLPOINT

For light demolition work.



NO. 48-62-0240 11" long 7/16" Shank
NO. 48-62-0380 11" long 9/16" Shank
NO. 48-62-0248 18" long 7/16" Shank
NO. 48-62-0382 18" long 9/16" Shank

SLOTING CHISEL

For slotting and cutting between drilled holes in
concrete and masonry.



NO. 48-62-0220 1-1/8" x 11" long 7/16" Shank
NO. 48-62-0390 1-1/8" x 11" long 9/16" Shank

TAPER CHUCKS

"A" TAPER CHUCKS

FITS MODEL NUMBERS

MILWAUKEE
CATALOG
NUMBER

MILWAUKEE 5300, 5310
Skil 726 48-66-6500

MILWAUKEE 5325
Skil 731, 732 48-66-6709
Rockwell 602, 1602
Black & Decker 5048

Hilti TE-17 48-66-6750

"B" TAPER CHUCKS

MILWAUKEE 5300, 5310
Skil 726 48-66-6501

MILWAUKEE 5325
Skil 731, 732 48-66-6710
Rockwell 602

Black & Decker 5048

Drift when ordered 48-66-0090 *

Pins separately 48-66-0100

* Use with Chuck NO. 48-66-6708.



GENERAL PURPOSE ONE PIECE BITS

No adapter is required. Bits fit directly into nose of the hammer.

7/16" Hex Shank

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1500	10	4-1/4
1/2	48-20-1502	16	10-1/2
1/2	48-20-1504	22	16
9/16	48-20-1560	12	6-1/2
5/8	48-20-1630	10	4-1/2
5/8	48-20-1632	16	10-1/2
5/8	48-20-1634	22	16
11/16	48-20-1690	12	6-1/2
3/4	48-20-1750	10	4-1/2
3/4	48-20-1752	16	10-1/2
3/4	48-20-1754	23-1/2	18
7/8	48-20-1880	12	6-1/2
7/8	48-20-1882	23-1/2	18
1	48-20-2000	12	6-1/2
1	48-20-2002	23-1/2	18
1-1/8	48-20-2130	12	6-1/2
1-1/8	48-20-2132	23-1/2	18
1-1/4	48-20-2250	12	7
1-1/4	48-20-2251	23-1/2	18
1-3/8	48-20-2370	12	7
1-3/8	48-20-2372	23-1/2	18
1-1/2	48-20-2500	15	10
1-1/2	48-20-2502	23-1/2	18



9/16" Hex Shank

BIT DIA. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	MAX. DRILLING DEPTH (IN.)
1/2	48-20-1509	10-1/2	4-1/2
1/2	48-20-1510	16-1/2	10-1/2
1/2	48-20-1511	22-1/2	16-1/2
9/16	48-20-1561	13	7
5/8	48-20-1631	10	4
5/8	48-20-1633	16-1/2	10-1/2
5/8	48-20-1635	22-1/2	16-1/2
11/16	48-20-1691	13	7
3/4	48-20-1751	10	4
3/4	48-20-1753	16-1/2	10-1/2
3/4	48-20-1755	22-1/2	16-1/2
7/8	48-20-1881	17	11-1/2
7/8	48-20-1883	22-1/2	16-1/2
1	48-20-2001	12-1/2	7
1	48-20-2003	22-1/2	17
1-1/8	48-20-2131	17	11-1/2
1-1/8	48-20-2133	22-1/2	17
1-1/4	48-20-2252	17	11-1/2
1-1/4	48-20-2253	22-1/2	17
1-3/8	48-20-2371	17	11-1/2
1-3/8	48-20-2373	22	17
1-1/2	48-20-2501	17	11-1/2
1-1/2	48-20-2503	22	17



TOOTH ANCHOR CHUCKS For Application of Self-Drilling Anchors



MUST BE USED
WITH "B" TAPER CHUCK OR
"B" TAPER CHUCK ASSEMBLY
AS ILLUSTRATED

"B" TAPER CHUCK
FOR AUTOMATIC ROTATION

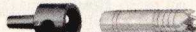


7/16" and 9/16"
HEX. SHANK
AVAILABLE

"B" TAPER CHUCKS
NO. 48-66-6501 7/16" Hex. Shank
NO. 48-66-6710 9/16" Hex. Shank
Drift Pin 48-66-0100 included.

TOOTH ANCHOR CHUCK CATALOG NO.	FOR BOLT SIZE	O.D. OF ANCHOR
48-66-6520	3/16"-1/4"	7/16"
48-66-6540	5/16"	15/32"
48-66-6560	3/8"	9/16"
48-66-6580	1/2"	11/16"
48-66-6600	5/8"	27/32"

For final setting of anchors 1/2" and 5/8" use hand ham-
mer and setting tool.



TOOTH
ANCHOR
CHUCK

TOOTH ANCHOR CHUCK KIT

NO. 49-22-2000

Tooth Anchor Chucks for bolts
sizes 3/16", 1/4", 3/8", 1/2"
and 5/8"; "B" Taper Chuck
(48-66-6501) with Drift Pin
(48-66-0100) and Steel Case
(48-55-0780).



7/16" and 9/16"
ROUND SHANK
AVAILABLE

"B" TAPER CHUCK
ASSEMBLIES

NO. 48-03-3600 7/16" Shank
NO. 48-03-3100 9/16" Shank
Drift Pin 48-66-0100 included.



TOOTH
ANCHOR
CHUCK

"B" TAPER CHUCK ASSEMBLY
FOR MANUAL ROTATION



HEAVY-DUTY CHOP SAWS

15 AMP MOTOR

FAST CHOP CUTTING ACTION IN ANGLE IRON, PIPE, TUBING, CONDUIT, PVC and CHANNELS

NOW MORE POWERFUL!

MILWAUKEE Heavy-Duty Chop Saws are designed for maximum cutting efficiency in any shop or job site location. Powerful motor, huge cutting capacity, rugged heavy-duty construction to provide stable cutting of angle iron, pipe, tubing, conduit, channels, PVC...any savable material. Efficiently cuts bundles of drywall studs. Extensively used in any heavy-duty industrial construction.

Straight long handle provides leverage for ease of operation

- Wheel rotation directs particles away from operator

- Easily accessible self-disconnect brushes

Double spring on arm to minimize resistance of saw travel in either direction

Heavy-duty aluminum die-cast base. Rigid... vibration free

Chain for locking saw in down position is short...out of way

Heavy-duty vise is double thick metal for sure secure grip...long life

Strap handle positioned for balanced carrying

Large screw holder for extra thread engagement... sturdy, accurate maintenance free

Guard plate pivots open for easy access when changing wheel

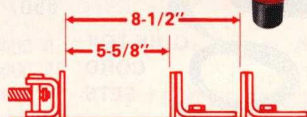
Machined steel slides for smooth vise travel... long life

ABRASIVE CUT-OFF WHEELS

PACKED AND SOLD ONLY IN BOXES OF 5

CATALOG NUMBER	BLADE DIAMETER	ARBOR DIAMETER	MAXIMUM SAFE SPEED RPM
49-93-6220	12" x 3/32"	1"	5000
49-93-6230	14" x 3/32"	1"	4350

MAXIMUM OPENINGS FOR TWO POSITION VISE



Unit may be permanently mounted through use of (3) holes in base

Accurate miter adjustment markings on pivoting vise for miter cuts 0° to 45°

Fast one screw adjustment to change vise cutting angle

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS	AMPS	NO. LOAD SPEED (RPM)	ARBOR	CAPACITIES			NET WEIGHT	SHIP. WEIGHT
						O.D. PIPE DIAMETER	BAR STOCK	SQUARE STOCK		
12"	6165	115 AC	15	4200	1"	4"	2-3/8"	4"	35 lbs.	42 lbs.
14"	6170	115 AC	15	3350	1"	5"	2-9/16"	4-3/8"	40 lbs.	45 lbs.

STANDARD EQUIPMENT: Includes Vice, Abrasive Wheel, Open End Wrench, NO. 49-96-4120 and Spanner Wrench, NO. 49-96-7610.



HEAVY-DUTY HACK SAW • BLADES

12" BI-METAL BLADE HACK SAW FRAME

NO. 48-08-0320

MILWAUKEE'S FINEST Hack Saw features a built-in cranking handle to achieve the higher tension required for MILWAUKEE'S Bi-Metal Blades. A tension indicator helps assure proper tension for more efficient cutting and longer blade life. Rectangular tube construction provides greater strength than ordinary hack saws. Knuckle Guard protects hands. Blades can be positioned for 90°, 45° angle or flush cutting.

DELUXE 12" HACK SAW FRAME

NO. 48-08-0300

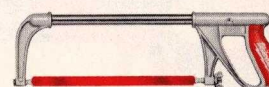
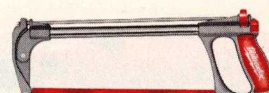
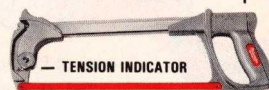
MILWAUKEE Deluxe Hack Saw features a new method of holding blade. Blade cannot "twist" or "wobble", therefore giving a more accurate cutting stroke and a longer blade life. Blade may be positioned to cut sideways absolutely flush with a surface. Cuts completely down to surface. A heavy-duty 12" Hack Saw designed for a lifetime of use.

10" TO 12" HACK SAW FRAME

NO. 48-08-0310

MILWAUKEE tubular Hack Saw of strong aluminum die cast construction adjusts for 10" or 12" blades. Smooth comfortable front and rear handle grips. Locking screw extends all the way through tube for tighter alignment. Tube walls never press against threads of screw. Front stretcher held in snug fitting square hole—not a "punched hole" in thin wall of tubing. Good solid alignment in both 10" and 12" positions.

CRANKING HANDLE



HACK SAW BLADES

MILWAUKEE SUPER-TOUGH™ BI-METAL BLADES outlast conventional blades up to 3 times longer, requires fewer blade changes. Can be used in any hack saw frame, but performs better under high tension of Bi-Metal frame.

SUPER-TOUGH™ BI-METAL PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0600	12"	14	RAKER
48-43-0610	12"	18	RAKER
48-43-0620	12"	24	WAVY
48-43-0630	12"	32	WAVY

HIGH SPEED MOLYBDENUM STEEL

PACKAGE OF 10 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0010	10"	18	RAKER
48-43-0050	12"	14	RAKER
48-43-0060	12"	18	RAKER
48-43-0110	10"	24	WAVY
48-43-0120	10"	32	WAVY
48-43-0130	12"	24	WAVY
48-43-0140	12"	32	WAVY

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0550	12"	14	RAKER
48-43-0560	12"	18	RAKER
48-43-0570	12"	24	WAVY
48-43-0580	12"	32	WAVY

CARBON ALLOY STEEL

PACKAGE OF 100 BLADES

CATALOG NUMBER	LENGTH	TEETH PER INCH	SET
48-43-0500	12"	14	RAKER
48-43-0510	12"	18	RAKER
48-43-0520	12"	24	WAVY
48-43-0530	12"	32	WAVY

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY SAWZALL®

CUT ANY SAWABLE MATERIAL

UNSURPASSED FOR OVERALL PERFORMANCE AND RUGGEDNESS

SELECT SUPER-TOUGH™ BI-METAL BLADES (Page 56) FOR ABSOLUTE MAXIMUM CUTTING EFFICIENCY



VARIABLE SPEED WITH TWO SPEED RANGES AND QUIK-LOK CORD 0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6507	120	4	3/4"	0-1700 0-2400	16	7	18

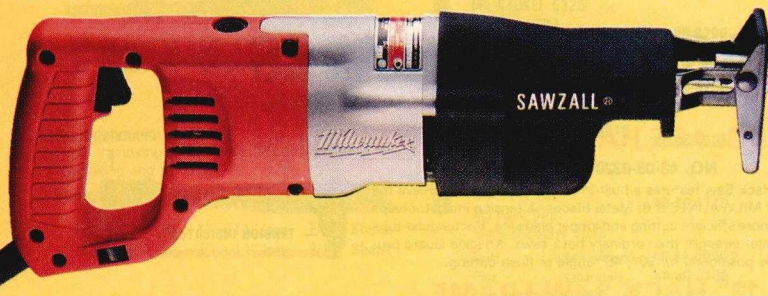
QUIK-LOK
CORD
SETS

8' QUIK-LOK * NO. 48-76-3008
25' QUIK-LOK NO. 48-76-3025
50' QUIK-LOK NO. 48-76-3050
* Standard Equipment



VARIABLE SPEED WITH TWO SPEED RANGES 0 to 2400 and 0 to 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6508	120	4	3/4"	0-1700 0-2400	16	7	18



TWO SPEED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6511	120	4	3/4"	2400/1700	16	7	18
6531●	120	4	3/4"	2400/1700	16	7	10

● Less Case



TWO SPEED DOUBLE INSULATED 2400 or 1700

CATALOG NUMBER	VOLTS AC ONLY	AMPS	LENGTH OF STROKE	STROKES PER MINUTE	OVERALL LENGTH (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6512	120	4	3/4"	2400/1700	16	7	18



SAWZALL
BI-METAL BLADE
ASSORTMENT
NO. 49-22-1125

**SUPER-TOUGH™ BI-METAL
BLADES—OUT CUT,
OUT PERFORM,
ALL OTHERS!**

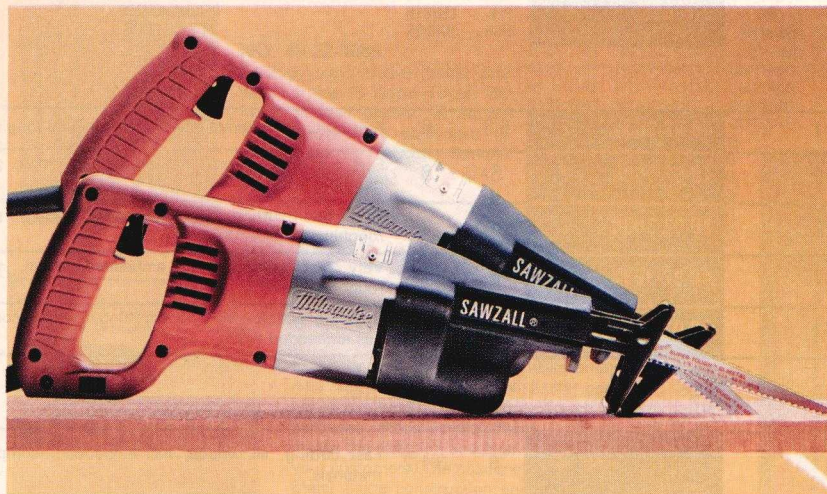
STANDARD EQUIPMENT—ALL MODELS

SUPER-TOUGH™ BI-METAL SAWZALL BLADE ASSORTMENT NO. 49-22-1125. A total of 7 SAWZALL Blades for wood and metal packaged in a vinyl sleeve. Also included are socket wrench and holder, extra blade clamp and screw. Heavy-Duty 20 gauge steel carrying case. (Not supplied with Sawzall 6531.) 8' Quik-Lok cord set supplied with Sawzall 6507 only.



HEAVY-DUTY SAWZALL®

PLUNGE CUTS . . . NEEDS NO STARTING HOLE



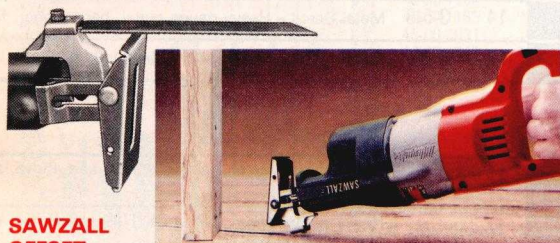
Plunge cut directly into floors, walls and other surfaces composed of resilient materials. Cord position at rear of handle allows for low positioning of SAWZALL when starting cut. Rear of SAWZALL is then raised slowly using shoe as a pivot as sawing continues. No starting hole required!

- ADJUSTABLE PIVOT SHOE
- DIRECT ACCESS TO BLADE CLAMP SCREW
- DIRECT ACCESS TO PIVOT SHOE ADJUSTING SCREWS
- PROTECTIVE INSULATING BOOT
- DURABLE GLASS REINFORCED NYLON HANDLE
- ALL BALL AND ROLLER BEARINGS

● CUT ANY SAWABLE MATERIAL

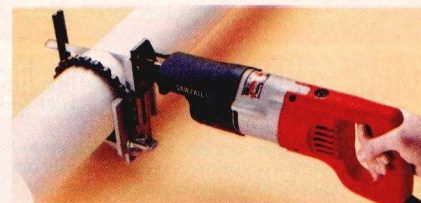
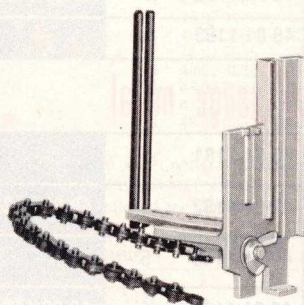
WOOD ● NAIL EMBEDDED WOOD ● STEEL ● CAST IRON BAR STOCK ● ALUMINUM ● BRASS ● CONDUIT COMPOSITION MATERIALS ● HARD RUBBER ● CEMENT BRICK ● PLASTER ● PLASTERBOARD ● CLAY PIPE FORMICA ● FIBERGLASS ● LEATHER ● FELT ● TRANSITE

FOR PLUMBERS, HEATING and AIR CONDITIONING CONTRACTORS, ELECTRICIANS, BUILDERS, STEEL FABRICATORS, MAINTENANCE, MANUFACTURERS



SAWZALL OFFSET BLADE ADAPTER
NO. 48-03-2000

For close quarter sawing. Extra Blade Clamp and Blade Clamp Screw included. For all Sawzalls.



SAWZALL CUT-OFF FIXTURE
NO. 48-08-0200

Inexpensive time saving accessory, designed to make square accurate cuts thru steel and plastic pipe and other materials up to 4-1/2" O.D. Easily accommodates irregular shapes to 3-1/4" x 4-1/2".



STEEL CARRYING CASE NO. 48-55-1501

Standard Equipment for all Sawzalls except No. 6531. Features large storage area for extra Sawzall Blades and accessories. Case designed to fit Sawzall with up to 6" blade, without removal of blade for storage. Heavy-Duty 20 gauge steel. Full color blade selector chart for fast Sawzall Blade identification.

- TYPE "A" GREASE NO. 49-08-0500 for gear case 1/2 lb. can
- TYPE "A" GREASE NO. 49-08-0800 for gear case 1 lb. can
- TYPE "B" GREASE NO. 49-08-0600 for mechanism 1/2 lb. can
- TYPE "B" GREASE NO. 49-08-0900 for mechanism 1 lb. can

JOB SAW



- PERFORMS AS A DRYWALL AND KEYHOLE SAW
- ACCOMMODATES MILWAUKEE SAWZALL BLADES

JOB SAW PACKAGE NO. 48-08-0400

Includes No. 48-01-3092 SUPER-TOUGH™ BI-METAL 10 tooth all purpose blade for all woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.



SELECT 1/2" TANG SAWZALL BLADES TO FIT JOB SAW. SEE PAGES 56 THRU 59.



SUPER-TOUGH™ BI-METAL SAWZALL® BLADES

SHARPEST! FASTEST CUTTING! LONGEST LASTING!

HEAT TREATED FOR MAXIMUM CUTTING SPEED AND ABRASION RESISTANCE

1/2" UNIVERSAL TANG

CATALOG
NUMBER
(POUCH)

QTY.
PER
(POUCH)

CATALOG
NUMBER
(PACK)

QTY.
PER
(PACK)

TEETH
PER
INCH

LENGTH
INCHES

RECOMMENDED
FOR CUTTING

WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in



BI-METAL

48-01-3031	5	48-02-3031	2	5/8	6	Fast cutting, nail embedded wood, general roughing-in.
48-01-3035	5	48-02-3035	2	6	6	Fast cutting curves in nail embedded wood, general roughing-in.
48-01-3036	5	48-02-3036	2	6	9	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3037	5	48-02-3037	2	6	12	Very fast cutting, nail embedded wood, general roughing-in.
48-01-3041	5	48-02-3041	2	4/6	6	Shearing action—Very fast cutting, circles, contours, nail embedded wood.

WOOD CUTTING BLADES for cutting wood, nail embedded wood, composition materials



BI-METAL

48-01-1011	5	—	—	6	3-1/2	Fast cutting, all woods, nail embedded, composition materials.
48-01-1012	5	—	—	6	6	Fast cutting, all woods, nail embedded, composition materials.

METAL CUTTING BLADES for cutting metal, scroll cutting



BI-METAL

48-01-1161	5	48-02-1161	2	10	3-5/8	Metal Scroll—Heavy gauge metal, hard rubber, fiber.
48-01-1162	5	48-02-1162	2	14	3-5/8	Metal Scroll—Heavy gauge metal, hard rubber, fiber.
48-01-1163	5	—	—	18	3-5/8	Metal Scroll—Metal thinner than 1/8" thick.

METAL CUTTING BLADES for heavy gauge metal



BI-METAL

48-01-1181	5	—	—	14	4	Heavy gauge metal, bar stock 1/8" and above, angles, hard rubber.
48-01-1182	5	48-02-1182	2	14	6	Heavy gauge metal, bar stock 1/8" and above, angles, fiber, hard rubber.
48-01-1183	5	—	—	18	4	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1184	5	48-02-1184	2	18	6	Heavy gauge metal, conduit, tubing, channels, pipe, general use.
48-01-1185	5	—	—	24	4	Metal and pipe 18 ga. and under, trim, tubing.
48-01-1186	5	48-02-1186	2	24	6	Metal and pipe 18 ga. and under, trim, tubing.

ALL PURPOSE BLADES for cutting wood, nail embedded wood, plastics, metals, cast iron



BI-METAL

NEW

48-01-3090	5	—	—	10	3-1/2	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3092	5	—	—	10	6	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals.
48-01-3093	5	48-02-3093	2	10/14	8	All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals, cast iron.
48-01-3094	5	—	—	10/14	12	Extra Length—All woods, nail embedded, composition materials, plastic, cast aluminum, light gauge non-ferrous metals, cast iron.

**FUNCTIONAL
PACKAGING**



5 BLADE POUCH

- Packaged in reusable see-through plastic pouch for quick selection.
- Package has pre-punched hole at top for hanging.
- Five blades per pack on all types.
- Blade application data printed on back of pouch.



2 BLADE PACK

- Attractive 2 Blade blister package allows for easy removal of one blade at a time.
- Blade application data clearly printed on front and back of each package.

SUPER-TOUGH™ BI-METAL SAWZALL® BLADES



BI-METAL SAWZALL PROFESSIONAL BLADE ASSORTMENT NO. 49-22-1085

Folding, vinyl sleeve holds one each of the 18 Super-Tough Bi-Metal Sawzall Blades. 18 Super-Tough blades are equivalent to more than 60 regular Sawzall blades. Measures 11" x 12-3/4".

48-01-1011	WOOD CUTTING
48-01-1012	WOOD CUTTING
48-01-1161	METAL SCROLL CUTTING
48-01-1162	METAL SCROLL CUTTING
48-01-1163	METAL SCROLL CUTTING
48-01-1181	HEAVY METAL CUTTING
48-01-1182	HEAVY METAL CUTTING
48-01-1183	HEAVY METAL CUTTING
48-01-1184	HEAVY METAL CUTTING
48-01-1185	METAL CUTTING
48-01-3031	WOOD CUTTING
48-01-3035	WOOD CUTTING
48-01-3036	WOOD CUTTING
48-01-3037	WOOD CUTTING
48-01-3041	WOOD CUTTING
48-01-3090	ALL PURPOSE
48-01-3092	ALL PURPOSE
48-01-3093	ALL PURPOSE



BI-METAL SAWZALL BLADE ASSORTMENT NO. 49-22-1125

Tough, reusable, vinyl protective pouch; see through for instant blade identification. Assortment of 7 Bi-Metal Sawzall Blades for wood, metal and nail embedded wood. One each of Nos. 48-01-1161, 1162, 1182, 1184, 3031, 3035, 3041. Selector chart imprinted on back of pouch.



BI-METAL SAWZALL BLADE MERCHANDISER NO. 49-22-1068

Compact wall hanging display will promote and sell the new MILWAUKEE Sawzall Blade packages. Eight hooks can hold up to 40 Super-Tough Bi-Metal Blade packages. Place several displays side by side to increase the selection and quantity of blades available to your customers. The header explains the benefits of Bi-Metal Blade construction and features a photo of a MILWAUKEE Sawzall and a Super-Tough Bi-Metal blade. Measures 10-1/2" x 12".

CATALOG NUMBER	NO. OF PACKAGES	BLADES PER PACKAGE
48-00-1180	1	10
48-00-1181	1	10
48-00-1182	1	10
48-00-1183	1	10
48-00-1184	1	10
48-00-1185	1	10
48-00-3031	1	5
48-00-3041	1	5



SAWZALL and JIG SAW BI-METAL BLADE MERCHANDISER NO. 49-22-1130

TWO BLADE PACKS!

Compact plan-o-gram display includes 16 types of MILWAUKEE's Super-Tough Bi-Metal Blades; 11 types of Sawzall and 5 types of Jig Saw blades. A total of 47 packages are included in a pre-selected mix. Striking display prominently features a MILWAUKEE Sawzall and Jig Saw and complete reorder information. Mounts on your pegboard, freeing up counter and floor space.

QTY.	CAT. NO.	TYPE—SAWZALL	T.P.I.	LENGTH	QTY.	CAT. NO.	TYPE—JIG SAW	T.P.I.	LENGTH
2	48-02-1161	Metal Scroll	10	3-5/8"	3	48-42-4120	Metal	18	2-3/4"
2	48-02-1162	Metal Scroll	14	3-5/8"	3	48-42-4160	Metal	21	2-3/4"
4	48-02-1182	Metal	14	6"	3	48-42-4190	Metal	12	3-5/8"
4	48-02-1184	Metal	18	6"	3	48-42-4300	Wood	6	4-1/8"
2	48-02-1186	Metal	24	6"	3	48-42-4310	Wood	10	4-1/8"
4	48-02-3031	Wood	5/8	6"					
3	48-02-3035	Wood	6	6"					
3	48-02-3036	Wood	6	9"					
3	48-02-3037	Wood	6	12"					
2	48-02-3041	Wood	4/6	6"					
3	48-02-3093	Wood/Metal	10/14	8"					



BI-METAL SAWZALL BLADE MERCHANDISER NO. 49-22-1075

● COMPACT (23-1/2" x 16-1/2") display ● PLAN-O-GRAM pegboard display—mounts on your pegboard, freeing up counter and floor space ● Displays 19 of MILWAUKEE's Bi-Metal Sawzall blades shown in chart below—61 packages total ● See through vinyl pouches display product and are reusable ● Blade information printed on the blade and reverse side of each pouch

NO. 49-22-1075 includes: 61 Bi-Metal Sawzall Blade packages, a sturdy, pre-drilled display for easy mounting on your pegboard, pegboard hooks and mounting snaps.

CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.	CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.	CATALOG NUMBER	BLADES PER PKG.	NO. OF PKGS.
48-01-1011	5	1	48-01-1183	5	3	48-01-3036	5	1
48-01-1012	5	1	48-01-1184	5	7	48-01-3037	5	5
48-01-1161	5	1	48-01-1185	5	1	48-01-3041	5	7
48-01-1162	5	2	48-01-1186	5	1	48-01-3090	5	1
48-01-1163	5	3	48-01-3031	5	7	48-01-3092	5	3
48-01-1181	5	2	48-01-3035	5	7	48-01-3093	5	2
48-01-1182	5	6						



BI-METAL SAWZALL BLADE MERCH.

NO. 49-22-1040

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-01-1011	5	48-01-1181	5	48-01-1186	5
48-01-1012	5	48-01-1182	5	48-01-3031	5
48-01-1161	5	48-01-1183	5	48-01-3035	5
48-01-1162	5	48-01-1184	5	48-01-3036	5
48-01-1163	5	48-01-1185	5	48-01-3037	5

BLADE ONLY REFILL—NO. 49-22-1033 BLADE REFILL WITH TRAY—NO. 49-22-1045

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-01-1186	5	48-01-3041	5
48-01-3090	5	48-01-3090	5
48-01-3092	5	48-01-3092	5
48-01-3093	5	48-01-3093	5
48-01-3037	5	49-22-5050	1

SAWZALL BLADE MERCHANDISERS

Both units feature greater blade visibility. Order either the General Sawzall Blade Merchandiser NO. 49-22-1065 which includes 22 blade varieties (171 total blades) or the Bi-Metal Sawzall Blade Merchandiser NO. 49-22-1040 with 19 different Bi-Metal blades (95 total blades). Each includes socket wrench and screw kit. Merchandiser is an attractive wood cabinet with an unbreakable plastic cover and shelves in the back for handy blade storage. Complete unit measures only 15" deep, 15" wide and 16" high. Blades are displayed in removable plastic trays. Tray and Blades Only are available for each merchandiser at a reduced price to convert your older Sawzall Blade Merchandiser to the new blade selections. Separate, lower cost, Blade Only refills are also offered. See selections below.



SAWZALL BLADE MERCH. NO. 49-22-1065

BLADE ONLY REFILL—NO. 49-22-1053 BLADE REFILL WITH TRAY—NO. 49-22-1056

CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES	CATALOG NUMBER	NO. OF BLADES
48-00-1031	5	48-00-1064	10	48-00-1179	10
48-00-1032	5	48-00-1102	10	48-00-1181	10
48-00-1033	5	48-00-1162	10	48-00-1182	10
48-00-1041	5	48-00-1172	10	48-00-1183	10
48-00-1042	3	48-00-1174	10	48-00-1184	10
48-00-1052	10	48-00-1176	10	48-00-1420	3

SAWZALL BLADE SELECTION CONTINUED ON PAGES 58, 59








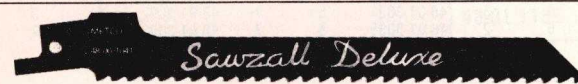




HEAVY-DUTY SAWZALL® BLADES

CUSTOM MILLED TEETH, SET AND HARDENED FOR MAXIMUM PERFORMANCE



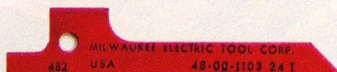
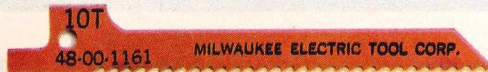

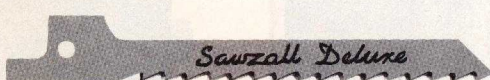

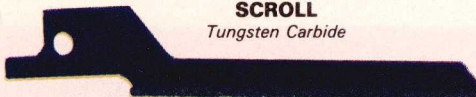


● 1/2" UNIVERSAL TANG FOR RECIPROCATATING SAWS

● SOLD IN BOX LOTS ONLY—SEE QUANTITY PER BOX COLUMN

WOOD CUTTING BLADES for cutting wood, nail embedded wood, all purpose, general roughing-in

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
 48-00-1002 <i>Zip Cut</i> MILWAUKEE ELECTRIC TOOL CORP. ZIP CUT High Alloy Steel	48-00-1002	3	6	10	Nail free woods...fastest cutting...fully hardened to withstand roughest sawing. Teeth, fleam sharpened to shear, not tear wood fibers. Canted shank provides for faster feed, deeper cut and ideal return stroke clearance.
 TUFF BACK High Alloy Steel	48-00-1012	6	6	10	Nail embedded woods and composition materials
	48-00-1014	10	6	10	For all woods...nail embedded woods, composition materials and light gauge non-ferrous metals
	48-00-2013	18	12	5	Nail embedded woods...for opening crates, boxes, removing wood siding and shingles
 48-00-1022 6 T MILWAUKEE ELECTRIC TOOL CORPORATION U.S.A. SPRING BACK High Alloy Steel	48-00-1022	6	6	5	All woods including nail embedded woods. Hardened and tempered to resist bend or twist. Even after severe twist, blade springs right back to its original shape.
	48-00-1024	10	6	5	
 MILWAUKEE ELECTRIC TOOL CORPORATION U.S.A. 48-00-1031 GENERAL PURPOSE Spring Steel	48-00-1031	7	6	5	General roughing-in work in wood and nail embedded woods
	48-00-1032	7	12	5	
	48-00-1033	7	9	5	
 MILWAUKEE ELECTRIC TOOL CORPORATION U.S.A. 48-00-1035 GENERAL PURPOSE Spring Steel	48-00-1035	6	6	10	General roughing-in work in wood and nail embedded woods. Thinner and harder than 1031 series for faster cuts.
	48-00-1036	6	9	10	
 <i>Sawzall Deluxe</i> SAWZALL DELUXE Spring Steel	48-00-1041	6	6	5	Wood cutting...shear tooth design...fleam sharpened for shearing action...very fast cutting, long blade life.
	48-00-1042	6	12	3	
	48-00-1043	6	9	4	
 ALL PURPOSE Band Saw Steel	48-00-1062	6	6	10	For nail free woods, plywood and fiberboard...A general purpose economy type blade.
	48-00-1064	10	6	10	Nail embedded woods, plywood and insulating board. Can also be used for cutting Transite. Blade edge hardened.
 Milwaukee Super Tough™ Bi-Metal 48-00-3035 U.S.A. Bi-Metal	48-00-3035	6	6	5	Very fast cutting in wood or nail embedded woods. General roughing-in work.
	48-00-3036	6	9	5	
	48-00-3037	6	12	5	
 Milwaukee Super Tough™ Bi-Metal 48-00-3031 U.S.A. Bi-Metal	48-00-3031	5/8	6	5	Fast cutting in wood or nail embedded woods. General roughing-in work.
 Milwaukee Super Tough™ Bi-Metal 48-00-3041 U.S.A. Bi-Metal	48-00-3041	4/6	6	5	Very fast cutting in wood or nail embedded woods. Shear tooth design/fleam sharpened for shearing action

METAL CUTTING BLADES and SPECIAL PURPOSE BLADES

	CATALOG NUMBER (BOX)	TEETH PER INCH	LENGTH INCHES	QTY. PER BOX	RECOMMENDED FOR CUTTING
 <p>MILWAUKEE ELECTRIC TOOL CORP. 48-00-1179</p> <p>METAL CUTTING <i>High Speed Steel</i></p>	48-00-2175	10	8	5	Steel or copper pipe to 4" dia., and also metal decking materials.
	48-00-1171	14	2-1/2	10	Metal heavier than 1/8" thick, angles, bar stock, hard rubber and fiber.
	48-00-1172	14	4	10	
	48-00-1179	14	6	10	
	48-00-1173•	18	2-1/2	10	Heavy gauge metals, conduit, pipe, channels and tubing
	48-00-1174•	18	4	10	
	48-00-2170•	18	6	10	
	48-00-1175•	24	2-1/2	10	Metals lighter than 18 gauge sheet, trim and tubing.
	48-00-1176•	24	4	10	
	48-00-2171•	24	6	10	
48-00-1177	32	2-1/2	10	Very light gauge metals...sheet trim and tubing.	
48-00-1178	32	4	10		
 <p>SUPER TOUGH BI-METAL 48-00-1182 141</p> <p>MILWAUKEE ELECTRIC TOOL CORPORATION MADE IN U.S.A.</p> <p>BI-METAL</p>	48-00-1180	10	4	10	Heavy gauge metals, cast iron, angles, bar stock 1/8" thick and above. Hard rubber. Fast cutting high speed steel teeth welded to a flexible alloy steel back for high resistance to breakage.
	48-00-1181	14	4	10	
	48-00-1182	14	6	10	
	48-00-1183•	18	4	10	Same characteristics as 1180, 1181, 1182 except finer teeth for fast cutting of metals 18 gauge to 1/8" thick, conduit, pipe, channels and tubing.
	48-00-1184•	18	6	10	
48-00-1185•	24	4	10		
 <p>MILWAUKEE ELECTRIC TOOL CORP. 482 USA 48-00-1109 24 T</p> <p>METAL SCROLL <i>Bi-Metal</i></p>	48-00-1101	14	2-1/2	10	Scroll cutting metals. 14 tooth for 1/8" and over. 18 tooth—18 ga. to 1/8". 24 tooth—Lighter than 18 ga.
	48-00-1102•	18	2-1/2	10	
	48-00-1103•	24	2-1/2	10	
	• Some Varieties of stainless steel can be cut with these blades.				
 <p>10T 48-00-1161</p> <p>MILWAUKEE ELECTRIC TOOL CORP.</p> <p>METAL SCROLL <i>Bi-Metal</i></p>	48-00-1161	10	3-5/8	10	Heavy gauge metal, hard rubber and fiber.
	48-00-1162	14	3-5/8	10	
 <p>MILWAUKEE ELECTRIC TOOL CORP.</p> <p>TWIN EDGE <i>High Alloy Steel</i></p>	48-00-1131	7	4-1/8	5	Plunge cutting wood and sawing back to a line. Hardened teeth and flexible center permits sawing in close quarters. High resistance to bending or breaking. Ideal for roughing-in.
 <p>Sawzall Deluxe</p> <p>WOOD SCROLL <i>See Chart</i></p>	48-00-1121	6	3-5/8	5	Sawing intricate shaped and scroll cuts in wood and synthetic structural materials. (1121) a carbon steel economy blade (Gray). (1151) a high speed steel Deluxe blade (Black).
	48-00-1151	6	3-5/8	5	
	48-00-1141	7	3-5/8	10	Rough cutting irregular contours in wood, fiberboard and asphalt. Spring steel blade (Black).
 <p>48-00-1052</p> <p>Plaster-Cutting</p> <p>MILWAUKEE ELECTRIC TOOL CO.</p> <p>PLASTER CUTTING <i>High Alloy Steel</i></p>	48-00-1051	6	3-1/2	10	For plaster, plaster with metal lath, plasterboard. Cuts on both forward and backward strokes.
	48-00-1052	6	6	10	
 <p>SCROLL <i>Tungsten Carbide</i></p>	48-00-1410†	GRIT	3-1/2	3	Medium grit: for brick, carbon, claypipe, chalkboard, plywood, hardwood veneer plywood.
† With 2-speed and trigger control SAWZALL® use slower speeds.					
 <p>TUNGSTEN CARBIDE</p>	48-00-1400†	GRIT	4	3	Coarse grit: for fiberglass (epoxies, polyesters, silicones, melamines).
	48-00-1420†	GRIT	6	3	Nail embedded wood, plaster with nails and cement.
 <p>MILWAUKEE ELECTRIC TOOL CORP. 48-00-1302</p> <p>PRUNING <i>High Alloy Steel</i></p>	48-00-1302	6	12	5	Pruning trees, smooth sawing green woods. Deep tooth design, fleam filed. Clean cuts wood fibers.

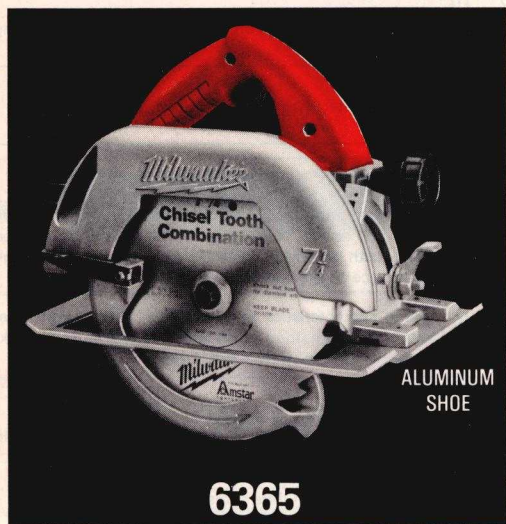
WRENCH, SCREW AND CLAMP KIT NO. 49-22-5080 consists of 10 blade clamp screws, 2 blade clamps and 2 socket wrenches.
WRENCH AND SCREW KIT NO. 49-22-5050 consists of 25 socket wrenches and 50 blade clamp screws.

BLADE CLAMP ONLY NO. 42-68-0073
BLADE CLAMP SCREW ONLY NO. 06-75-2400
BLADE CLAMP WRENCH NO. 49-96-0070
RUBBER FLEX WRENCH HOLDER NO. 48-66-4080



HEAVY-DUTY 7-1/4"

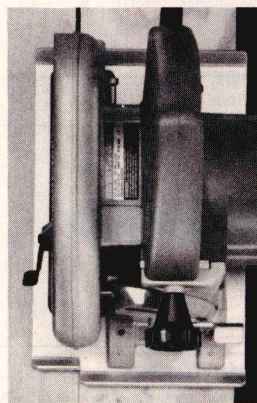
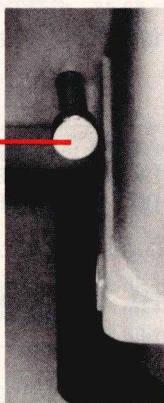
PREFERRED BY PROFESSIONALS



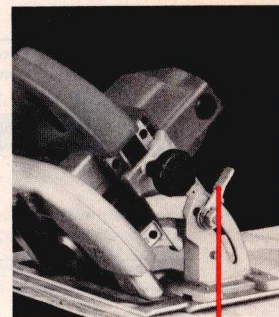
- LIGHTWEIGHT 11-1/2 lbs. • BALANCED for ease of operation • ALL BALL and ROLLER BEARINGS • LOWER GUARD contour lip designed for smoother retraction of lower guard when cutting angles • HEAVY-DUTY CONSTRUCTION

FEATURES

**SPINDLE LOCK
FOR FAST
EASY BLADE
REMOVAL**



Clear Line Sighting...operator sees exactly where blade will cut.



Adjusting Lever for secure locking-in on cuts of 90° through 45° angles. Factory Adjusted Stops at 90° and 45°.

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	SAW TYPE	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°
7-1/4"	6365	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	6366	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	6368	CONTRACTORS SAW	120	13.0	5800	5/8"	2-3/8"
7-1/4"	6367	CONTRACTORS SAW (DOUBLE INSULATED)	120	13.0	5800	5/8"	2-3/8"

ACCESSORIES

STEEL CARRYING CASE NO. 48-55-1150

RIP FENCE KIT Includes Two Wing NO. 49-22-4150 Screws No. 06-88-0110

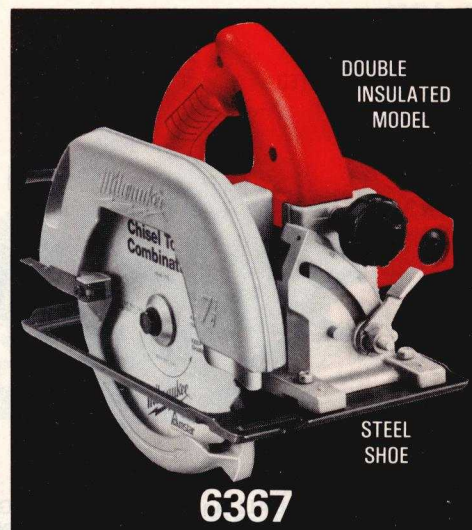
9/16" Utility Wrench NO. 49-96-6200

1 Lb. Can "O" Grease NO. 49-08-4200

For Super Fast, Super Smooth Cutting, Long Lasting... Use

13 AMP CIRCULAR SAWS

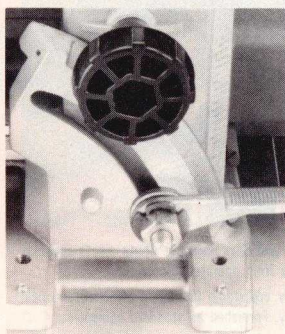
FOR POWER AND PERFORMANCE



- **AIRFLOW** directs sawdust away from line of cut
- **9' CORD** length to prevent plug from catching on 8' paneling
- **EXTERNAL BRUSHES**
- **STRONG—NON-CONDUCTIVE** glass reinforced nylon housing and handle



Rip Guide is easily attached and held firmly. Available as an accessory.



One knob adjustment for height and one lever adjustment for angle.

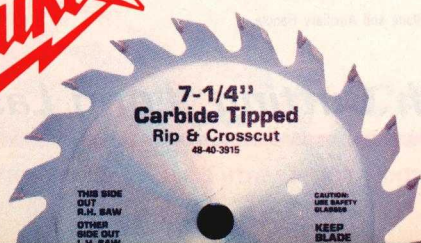
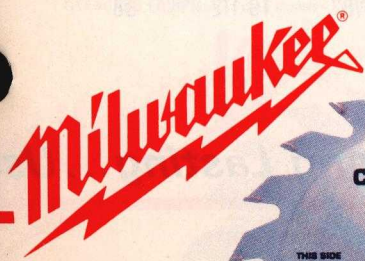


Quick return, heavy-duty safety telescoping guard for smooth easy action. Wide lip on guard minimizes wear of rubber bumper.



Heavy-Duty Rigid Aluminum Shoe with angled ends for added stiffness. Double insulated model has steel shoe.

MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHIPPING WEIGHT LBS.	STANDARD EQUIPMENT
1-25/32"	11-1/2	16-1/2	Combination/Rip Saw Blade and 9/16" Wrench.
1-25/32"	11-1/2	16-1/2	Carbide Tipped Framing—Rip Saw Blade, 9/16" Wrench and Rip Fence.
1-25/32"	11-1/2	26-1/2	Steel Carrying Case, Carbide Tipped Framing—Rip Saw Blade, 9/16" Wrench and Rip Fence.
1-25/32"	12	17	Combination/Rip Saw Blade and 9/16" Wrench.



MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

CARBIDE TIPPED BLADES

SEE PAGES 64, 65



HEAVY-DUTY CIRCULAR SAWS

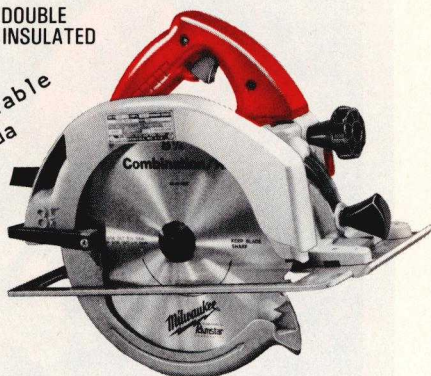
8-1/4"

13 AMP MOTOR

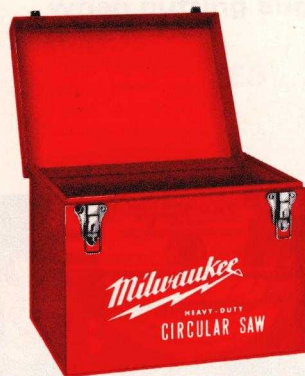
6405

6407 DOUBLE INSULATED

MODEL 6407 not available in Canada

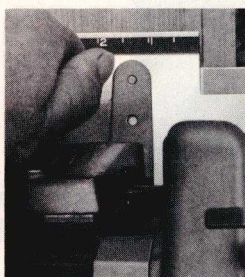


- ALL BALL and ROLLER BEARINGS
- SERVICEABLE EXTERNAL BRUSHES
- QUICK RETURN HEAVY-DUTY SAFETY TELESCOPING GUARD



STEEL CARRYING CASE NO. 48-55-1150

1 Lb. Can "E" Grease
NO. 49-08-4121
9/16" Utility Wrench
NO. 49-96-6200



Clear Line Sighting...operator sees exactly where blade will cut.

RIP FENCE KIT NO. 49-22-4150
Includes Two Wing
Screws No. 06-88-0110

10-1/4"

15 AMP MOTOR

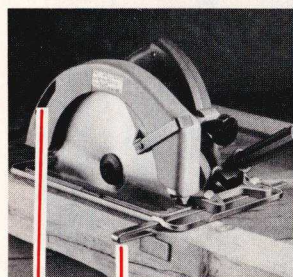
6460

MODEL 6460 not available in Canada



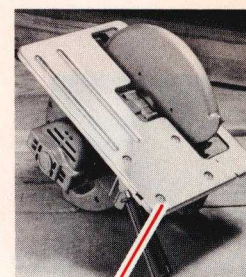
POWERFUL 10-1/4" SAW WILL CUT, RIP 4 x 4 LUMBER

- ALL BALL and ROLLER BEARINGS
- SERVICEABLE EXTERNAL BRUSHES
- QUICK RETURN HEAVY-DUTY SAFETY TELESCOPING GUARD



Rear and Side Sawdust Chute ejects sawdust away from operator and work.
Easily adjustable Rip Guide attached and held firmly. Furnished as standard equipment.

STEEL CARRYING CASE NO. 48-55-1170
1 Lb. Can "E" Grease
NO. 49-08-4121



Rigid Steel Wrap-Around Shoe for Maximum strength and accuracy.

RIP FENCE KIT NO. 49-02-0080
Includes Two Wing
Screws No. 06-88-0110

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHIP. WEIGHT LBS.
8-1/4"	6405	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
8-1/4"	6407●	120	13.0	5800	5/8"	2-15/16"	2-1/8"	13	18
10-1/4"	6460	120	15.0	5200	3/4"	15/16" to 3-15/16"	5/8" to 2-7/8"	19-1/2	38

● Double Insulated.

STANDARD EQUIPMENT: FOR 6405 and 6407 — Combination/Rip Saw Blade and 9/16" Wrench.

FOR 6460 — Steel Carrying Case, 9/16" Utility Wrench, Rip Fence, Combination/Rip Saw Blade and Auxiliary Handle.

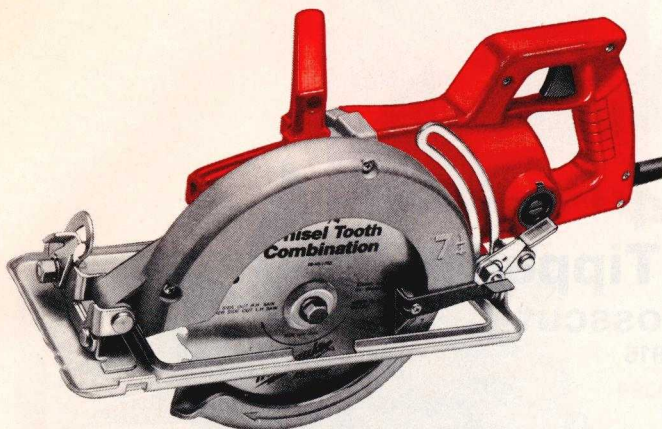
For Super Fast, Super Smooth Cutting, Long Lasting... Use



HEAVY-DUTY WORM DRIVE SAWS

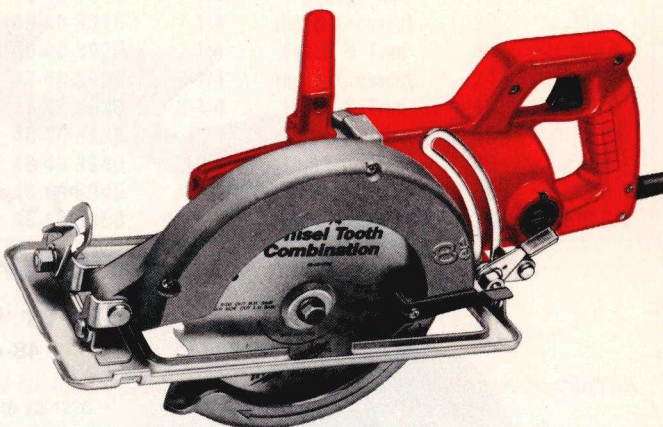
6377
7-1/4"

15 AMP MOTOR



6378
8-1/4"

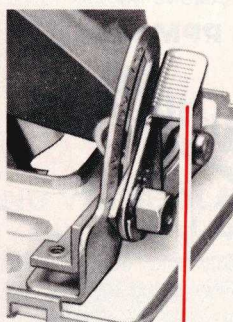
15 AMP MOTOR



SPECIFICALLY DESIGNED FOR TOUGHEST APPLICATIONS
UP TO 1" LUMBER CAN BE USED FOR AN EDGE GUIDE ON
EITHER SIDE OF SHOE WHEN RIPPING LARGE PANELS
ALL BALL and ROLLER BEARINGS



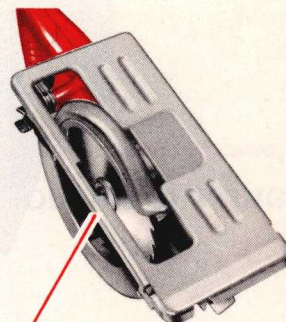
STEEL
CARRYING
CASE
NO. 48-55-1101



Fast positive miter adjustments.



Brush holders with positive brush stop — prevents possible damage of commutator.



Rigid steel wrap around shoe for maximum strength and accuracy.

RIP FENCE KIT
NO. 49-22-4110
Includes Screw No. 06-81-1800
and Spring No. 40-50-1300.

OIL FOR WORM DRIVE SAW
NO. 49-32-0050 1/2 Pt. Oil
NO. 49-32-0060 1 Pt. Oil
NO. 49-32-0070 1/2 Gal. Oil

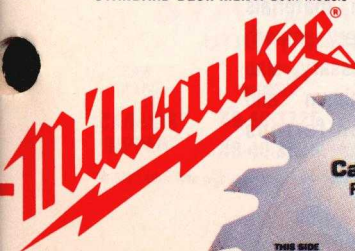
MISCELLANEOUS
9/16" Wrench
NO. 49-96-6200

SPECIFICATIONS

BLADE SIZE	CATALOG NUMBER	VOLTS AC-DC	AMPS	NO LOAD SPEED (RPM)	ARBOR	DEPTH OF CUT AT 90°	MAX. DEPTH OF CUT AT 45°	NET WEIGHT LBS.	SHP. WEIGHT LBS.
7-1/4"	6377	120	15.0	4400	DIAMOND	0 to 2-3/8"	0 to 1-7/8"	17	23
8-1/4"	6378	120	15.0	4400	DIAMOND	0 to 2-5/8"	0 to 2-1/4"	17-1/4	23-1/4

STANDARD EQUIPMENT: Both models—Combination Blade and 9/16" Wrench.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



7-1/4"
Carbide Tipped
Rip & Crosscut
48-40-3915

CARBIDE TIPPED BLADES

SEE PAGES 64, 65



HEAVY-DUTY CARBIDE TIPPED CIRCULAR SAW BLADES

CARBIDE TIPPED BLADES STAY SHARP **10 TIMES LONGER**
THAN THE BEST STEEL BLADES IN COMPARABLE CUTTING APPLICATIONS!



EXTREMELY HARD TUNGSTEN CARBIDE CUTTING TIPS
DIAMOND GROUND
TO A HIGH DEGREE OF SHARPNESS

4 BASIC BLADE TYPES:

Rip & Crosscut *

A multi-purpose blade for ripping, cross-cutting and mitering in hard and soft woods, plywood and composition materials. * Available only in Premium line.

Framing—Rip

Designed for fast and accurate ripping along the grain in hard or soft woods where a smooth cross cut is not necessary.

Plywood—Veneer *

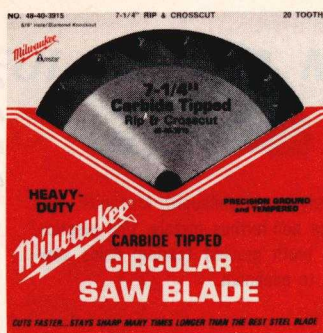
Recommended for cutting plywood, composition materials and all types of wood where a slightly smoother finish is needed. * Available only in Contractors line.

Finish & Trim

Especially designed for cross-cutting and mitering in materials where a very smooth cut is necessary, also cuts aluminum and other non-ferrous metals.

PREMIUM QUALITY

MILWAUKEE'S HIGHEST QUALITY BLADE FOR THE PROFESSIONAL USER. PREMIUM QUALITY STEEL AND CARBIDE, PRECISION GROUND AND TEMPERED.



CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-3900	6-1/2	Rip & Crosscut	20	5/8 ♦
48-40-3905	6-1/2	Finish & Trim	40	5/8 ♦
48-40-3910	7-1/4	Framing—Rip	12	5/8 ♦
48-40-3915	7-1/4	Rip & Crosscut	20	5/8 ♦
48-40-3920	7-1/4	Finish & Trim	40	5/8 ♦
48-40-3925	8-1/4	Rip & Crosscut	24	5/8 ♦
48-40-3930	8-1/4	Finish & Trim	40	5/8 ♦
48-40-3935	9"	Finish & Trim	40	5/8
48-40-3940	10"	Finish & Trim	40	5/8
48-40-3945	10"	Finish & Trim	60	5/8
48-40-3950	10-1/4"	Rip & Crosscut	28	5/8-3/4

♦ 5/8" arbor hole with knockout for diamond arbor.



PREMIUM QUALITY CARBIDE TIPPED CIRCULAR SAW BLADE CENTER NO. 49-22-1220

Display contains two blades each of Nos. 48-40-3915 and 48-40-3920 and one each of other blades shown above in PREMIUM QUALITY chart.

- SPACE SAVING STEP OUT DISPLAY HOLDS UP TO 48 BLADES.
- 3 TYPES OF CARBIDE TIPPED BLADES OFFERED IN 6 SIZES IN REUSABLE BLADE PACKAGING.
- COMPACT UNIT FOR WALL OR COUNTER-TOP MEASURES ONLY 20-1/2" WIDE x 17-1/2" HIGH x 8-1/2" DEEP.

CONTRACTORS QUALITY

A HIGH QUALITY, OUTSTANDING VALUE BLADE FOR HEAVY-DUTY, VOLUME CUTTING



Carbide Tipped for long lasting and fast cutting. Carbide teeth electronically fused to blade for a strong bond. Available in 16, 20, 24, 30 and 40 teeth to cut a variety of materials: Transite, Masonite, Formica, siding and roofing.

CATALOG NUMBER	BLADE DIA. INCHES	DESCRIPTION	NUMBER OF TEETH	ARBOR HOLE INCHES
48-40-4000	7-1/4	Framing—Rip	16	5/8 ♦
48-40-4010	7-1/4	Plywood—Veneer	30	5/8 ♦
48-40-4020	8-1/4	Framing—Rip	20	5/8 ♦
48-40-4030	10	Framing—Rip	24	5/8 Hole
48-40-4040	10	Finish & Trim	40	5/8 Hole

♦ 5/8" arbor hole with knockout for diamond arbor.

CONTRACTORS QUALITY BLADE MERCHANDISER NO. 48-40-4001

Extraordinary value! 10 bulk-packaged No. 48-40-4000 blades. Merchandiser includes attractive, counter or pegboard metal display.



Blade No. 48-40-4000; supplied with above Merchandiser, is a high quality, outstanding value blade for heavy-duty, volume cutting. 7-1/4", 16 tooth with 5/8" diamond knockout arbor hole. Carbide Tipped, Framing—Rip.

STANDARD QUALITY

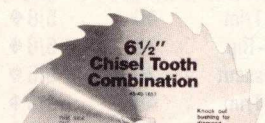
UTILITY CARBIDE TIPPED BLADES

SAW BLADE	CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
CARBIDE TIPPED	48-40-3725	24	7-1/4	5/8 ♦
	48-40-3825	24	8-1/4	5/8 ♦

♦ 5/8" arbor hole with knockout for diamond arbor.



HEAVY-DUTY CIRCULAR SAW BLADES HIGH SPEED STEEL



CHISEL TOOTH COMBINATION

Free-cutting general purpose blade for cutting in any direction. Rips, crosscuts, miters on both hard and soft woods.

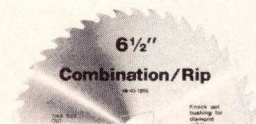
CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
48-40-1653	24	6-1/2	5/8
48-40-1722	26	7	5/8
48-40-1752	26	7-1/4	5/8
48-40-1755	26	7-1/4	Diamond
48-40-1760	26	7-1/2	5/8
48-40-1812	28	8	5/8
48-40-1822	30	8-1/4	5/8
48-40-1823	30	8-1/4	Diamond



MASTER COMBINATION

An all-purpose blade for smooth, fast cutting. Cuts crosscut, rip, miters for general use.

48-40-1650	48	6-1/2	5/8
48-40-1700	48	7	5/8
48-40-1725	60	7-1/4	5/8
48-40-1800	48	8	5/8



COMBINATION/RIP

Most popular all-purpose blade—smooth, fast cutting in frame work, etc.—cut-off, ripping, mitering.

48-40-1655	36	6-1/2	5/8
48-40-1710	44	7	5/8
48-40-1740	40	7-1/4	5/8
48-40-1763	44	7-1/2	5/8
48-40-1820	44	8	5/8
48-40-1825	44	8-1/4	5/8
48-40-1835	36	10-1/4	3/4

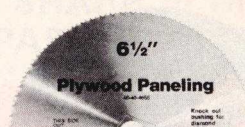


CROSSCUT/FLOORING

Cuts hardwoods, flooring and crating fast. Close-set teeth produce smooth-finish and hold edge longer when encountering nails.

48-40-5655	100	6-1/2	5/8
48-40-5725	100	7	5/8
48-40-5755	100	7-1/4	5/8
48-40-5805	100	8	5/8

◆ 5/8" arbor hole with knockout for diamond arbor.



PLYWOOD/PANELING

For plywood, wallboard, Masonite, light gauge non-ferrous metals, thin plastics. Fine teeth prevent tearing; holds sawdust to minimum.

CATALOG NUMBER	NUMBER OF TEETH	BLADE DIA. INCHES	ARBOR HOLE INCHES
48-40-4655	150	6-1/2	5/8
48-40-4658	200	7	5/8
48-40-4720	200	7-1/4	5/8
48-40-4800	200	8	5/8



PLANERS— HOLLOW GROUND

Makes satin-smooth finish cuts on all solid woods. Crosscuts, rips, miters—a professional quality blade for use in cabinet work, furniture, etc.

48-40-7656	48	6-1/2	5/8
48-40-7661	48	7	5/8
48-40-7725	60	7-1/4	5/8
48-40-7800	48	8	5/8



THIN RIM PLYWOOD/PANELING

Finest blade for stain-smooth finish on plywood, veneers, laminates, Plexiglass and other thin materials. Use for cross-cutting and mitering on cabinet and finish work.

48-40-4650	150	6-1/2	5/8
48-40-4700	200	7	5/8
48-40-4725	200	7-1/4	5/8
48-40-4810	200	8	5/8



METAL CUTTING

Hollow ground for cutting metals such as aluminum, magnesium, copper and brass.

48-40-6658	80	6-1/2	5/8
48-40-6661	70	7	5/8

◆ 5/8" arbor hole with knockout for diamond arbor.



HEAVY-DUTY ABRASIVE CUTTING WHEELS



FOR STONE OR CONCRETE

Safety reinforced nylon...bonded of uniform grit and break resistant.

CATALOG NUMBER	WHEEL DIA. INCHES	ARBOR HOLE INCHES
49-92-3220	6	5/8
49-92-4310	7	5/8
49-92-4370	7-1/4	Diamond
49-92-5000	8	5/8
49-92-5005	8	Diamond
49-92-5410	10	3/4



FOR METAL

Safety reinforced nylon...bonded of uniform grit and break resistant.

CATALOG NUMBER	WHEEL DIA. INCHES	ARBOR HOLE INCHES
49-92-3020	6	5/8
49-92-4300	7	5/8
49-92-4380	7-1/4	Diamond
49-92-5010	8	5/8
49-92-5015	8	Diamond
49-92-5400	10	3/4



HEAVY-DUTY ELECTRIC CHAIN SAW

16" BAR • 1850 FEET PER MINUTE CHAIN SPEED

POWERFUL 2.25 H.P. MOTOR—DOUBLE INSULATED

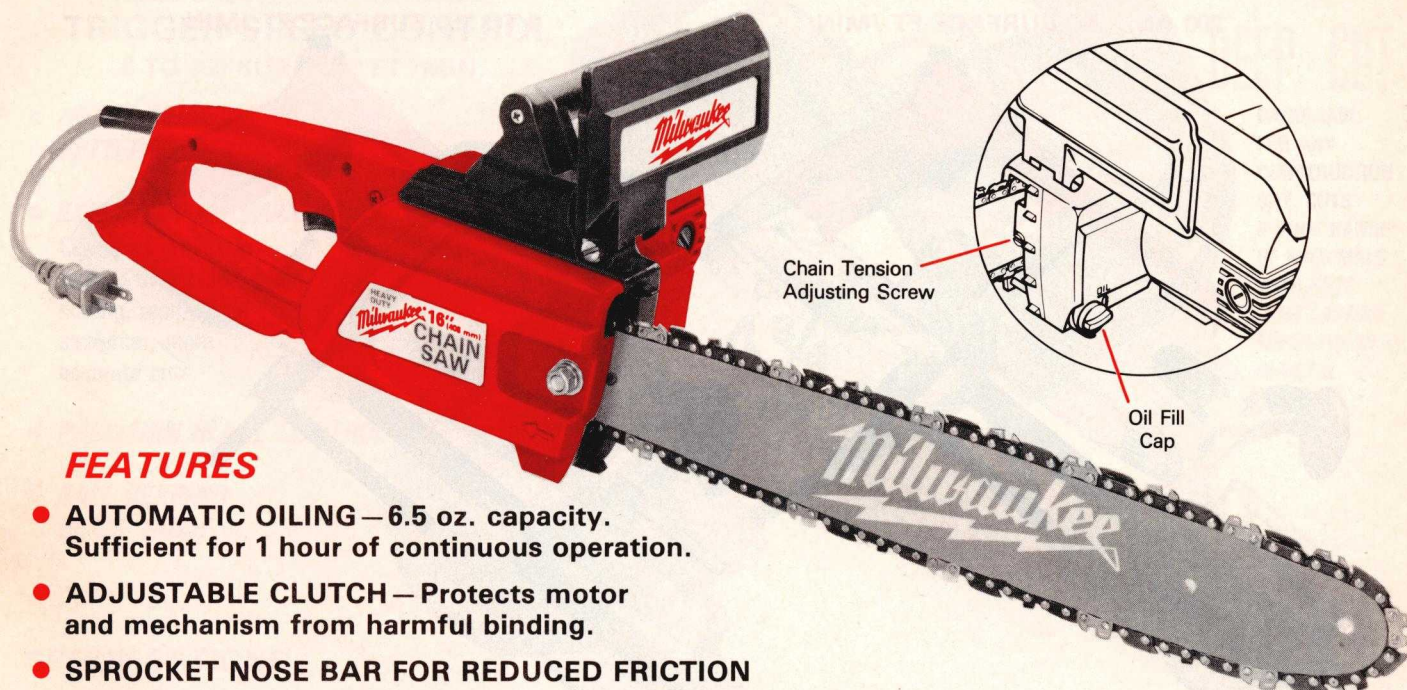
• LIGHTWEIGHT

• QUIET, SMOOTH RUNNING MOTOR

• INSTANT STARTING EVEN IN FREEZING TEMPERATURES

• NO FLAMMABLE FUEL REQUIRED—NO ENGINE EXHAUST

6215



FEATURES

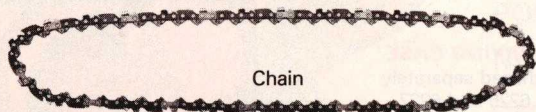
- AUTOMATIC OILING—6.5 oz. capacity. Sufficient for 1 hour of continuous operation.
- ADJUSTABLE CLUTCH—Protects motor and mechanism from harmful binding.
- SPROCKET NOSE BAR FOR REDUCED FRICTION
- HANDGUARD ACTUATED BRAKE WITH RESETABLE LOCKOUT SWITCH
- LOW KICKBACK BAR AND CHAIN COMBINATION
- CONVENIENT BRUSH REPLACEMENT
- EASY CHAIN ADJUSTMENT—Simply loosen one nut and adjust.

SPECIFICATIONS

CATALOG NUMBER	BAR SIZE	VOLTS	AMPS	CHAIN SPEED	OIL TANK CAPACITY	NET WEIGHT	SHIPPING WEIGHT
6215	16" (406mm)	120 AC Only	13	1850 fpm (549 mpm)	6-1/2 oz. (190 ml)	11-1/4 lbs.	14 lbs.

STANDARD EQUIPMENT: Chain Saw, 16" (406mm) Sprocket Tip Bar, 3/8" (9.5mm) Pitch Chain, 13mm Wrench, Screwdriver and Scabbard.

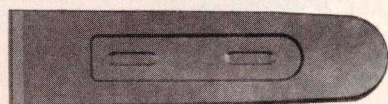
ACCESSORIES



Chain



Guide Bar



Scabbard

NO. 48-58-0030	3/8" (9.5mm) Pitch Chain
NO. 48-09-5050	16" (406mm) Guide Bar
NO. 49-96-7630	13mm Open End Wrench
NO. 49-62-0150	Scabbard
NO. 49-22-3020	Chain Repair Kit
NO. 49-80-2000	Screwdriver



HEAVY-DUTY PORTABLE ELECTRIC BAND SAWS

ALL MODELS USE STANDARD 44-7/8" x 1/2" x .020 BAND SAW BLADES

- Gear drive mechanism is lubricated with grease — no oiling required!
- Precision Ball Bearing Blade Guide
- Ideal for sawing PVC tubing
- Front T-Handle for better control

6225

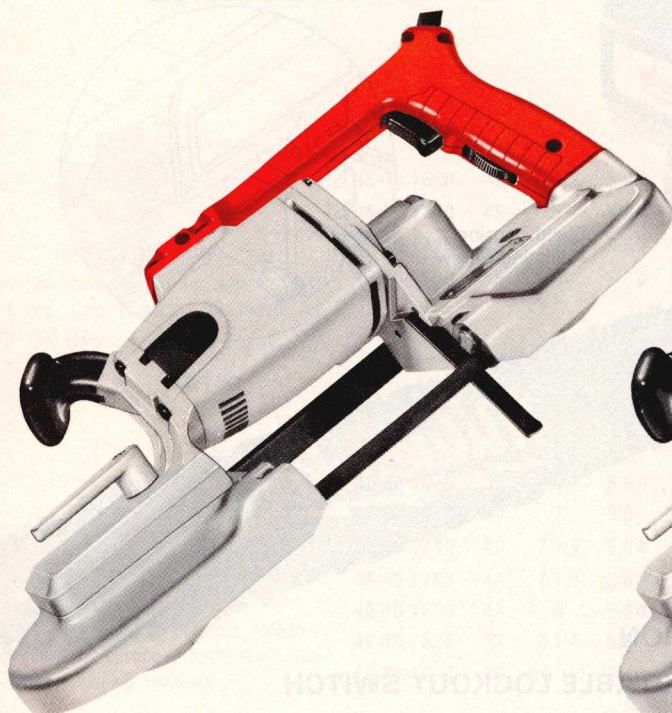
LESS CASE

6226

WITH CASE

TWO SPEED

200 AND 250 SURFACE FT./MIN.



6227

LESS CASE

6234

WITH CASE

TRIGGER SPEED CONTROL

0 TO 250 SURFACE FT./MIN.



SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6225 Less Case	250/200	120	6/5	3-1/2"	3-1/2" x 4-1/2"	20	16	18-1/2
6226				Same as 6225, but with Steel Carrying Case				27-1/2
6227 Less Case	0-250	120	6	3-1/2"	3-1/2" x 4-1/2"	20	16	18-1/2
6234				Same as 6227, but with Steel Carrying Case				27-1/2

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.

ACCESSORIES AND PORTABLE BAND SAW TABLE FOR ALL MILWAUKEE BAND

SEE PAGES 70, 71 FOR COMPLETE SELECTION OF BAND SAW BLADES



EASY-CUT PORTABLE BAND SAW BLADE LUBRICANT
Greatly eases cutting applications while extending blade life.
1.5 oz. tube.
NO. 49-08-4205

STEEL CARRYING CASE
When purchased separately for Models 6225 and 6227
NO. 48-55-1090

For Model 6230
NO. 48-55-1155

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140





HEAVY-DUTY DEEP CUT PORTABLE ELECTRIC BAND SAW

**LARGE 4-3/4" x 4-3/4" CAPACITY
USES STANDARD 44-7/8" BI-METAL BLADES**

FAST 0-350 sfpm VARIABLE SPEED TO MATCH
CUTTING SPEEDS TO MATERIAL

6230

LESS CASE

6232

WITH CASE

TRIGGER SPEED CONTROL

0 TO 350 SURFACE FT./MIN.

- **FRONT T-HANDLE FOR BETTER CONTROL**

- **EXCELLENT BALANCE**

Center of gravity is located over blade when cutting, resulting in straighter, more accurate cuts.

- **PRECISION BLADE CONTROL**

- **BALL BEARING BLADE GUIDE**



Large
4 3/4"
Capacity

- **NO OIL REQUIRED**
Grease Lubricated —
High Torque — Low
RPM Worm Gear
Mechanism

DEEP CUT

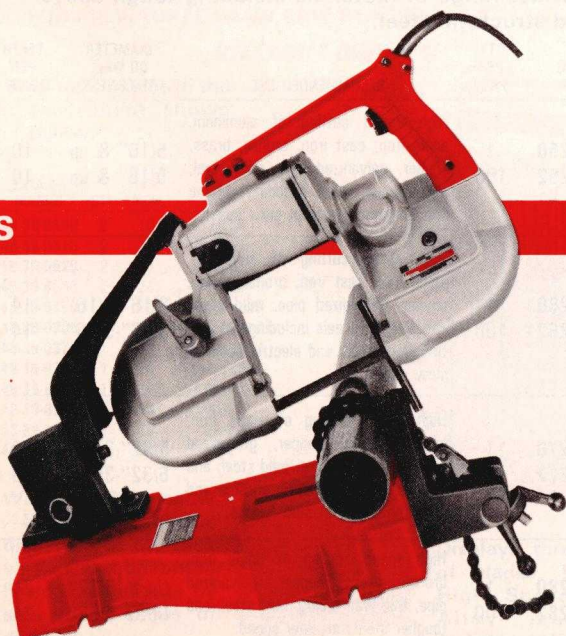
BAND SAW
FOR ANY
CONSTRUCTION
SITE. CUTS
A WIDE RANGE
OF MATERIALS
WITH **FAST**
LONG LASTING
SUPER-TOUGH™
BI-METAL
BLADES.

SPECIFICATIONS

CATALOG NUMBER	NO LOAD SURFACE FT. PER MIN.	VOLTS AC ONLY	AMPS	CAPACITY ROUND STOCK	CAPACITY RECTANGULAR STOCK	LENGTH INCHES	NET WEIGHT LBS.	SHP. WEIGHT LBS.
6230 Less Case	0-350	120	6	4-3/4"	4-3/4" x 4-3/4"	19-3/4	17	20-1/2
6232	Same as 6230, but with Steel Carrying Case						17	31

STANDARD EQUIPMENT: Includes one No. 48-39-0510 quality 14 tooth Super-Tough™ Bi-Metal blade.

SAWS



PORTABLE BAND SAW TABLE

NO. 48-08-0260

CONVERTS MILWAUKEE'S PORTABLE BAND
SAWS TO STATIONARY UNITS. CAN BE
MOUNTED ON A WORKBENCH OR USED ON
THE JOB WITH 3/4" DIAMETER PIPE FOR
LEGS. HEAVY-DUTY CLAMPING CHAIN AND
CRANK NUT EASILY SECURES ALL SHAPES
OF MATERIAL. NET WEIGHT 34 LBS.

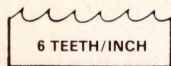
PIPE LEGS ARE NOT SUPPLIED WITH UNIT.

**SEE PAGES 70, 71
FOR COMPLETE
SELECTION OF BAND
SAW BLADES**

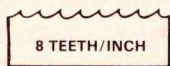


HEAVY-DUTY BAND SAW BLADES

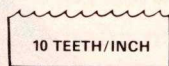
FOR USE WITH MILWAUKEE BAND SAWS 44-7/8" x 1/2" x .020



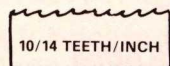
FOR CUTTING STOCK
1" and up *



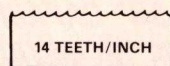
FOR CUTTING STOCK
1/2" to 1" *



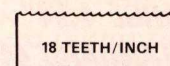
FOR CUTTING STOCK
5/16" to 1/2" *



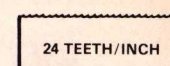
FOR CUTTING STOCK
3/16" to 1/2" *



FOR CUTTING STOCK
3/16" to 5/16" *



FOR CUTTING STOCK
5/32" to 3/16" *



FOR CUTTING STOCK
up to 5/32" *

* Refer to RECOMMENDED USE for type of blade.



BI-METAL

MILWAUKEE SUPER-TOUGH™ Bi-Metal Blades outlast conventional blades up to 3 times, requiring fewer blade changes. Extremely hard and uniform tooth point is electron beam welded to a tough durable backing with high flex life for faster cutting, longer blade life.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0500	1		5/16" & up	10
48-39-0502	100	High speed cutting of aluminum,	5/16" & up	10
48-39-0510	1	angle iron, bronze, brass, copper,	3/16"-5/16"	14
48-39-0512	100	galvanized pipe, mild steel; and	3/16"-5/16"	14
48-39-0520	1	tougher steels including stainless,	5/32"-3/16"	18
48-39-0522	100	chrome, tungsten steels plus other	5/32"-3/16"	18
48-39-0530	1	problem material at slow speed.	Up to 5/32"	24
48-39-0532	100		Up to 5/32"	24



HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

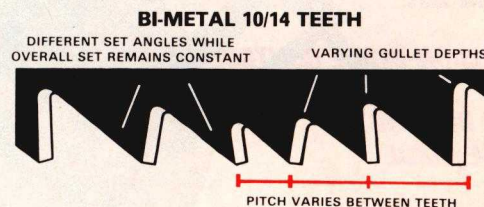
CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0350	1		5/16" & up	10
48-39-0352	100	High speed cutting of aluminum,	5/16" & up	10
48-39-0360	1	angle iron, bronze, brass, copper,	3/16"-5/16"	14
48-39-0362	100	galvanized pipe, mild steel; and	3/16"-5/16"	14
48-39-0370	1	tougher steels including stainless,	5/32"-3/16"	18
48-39-0372	100	chrome, tungsten steels plus other	5/32"-3/16"	18
48-39-0380	1	problem material at slow speed.	Up to 5/32"	24
48-39-0382	100		Up to 5/32"	24

BULK PACKAGING (100 BLADES) AVAILABLE FOR 44-7/8" LENGTH BLADES IN BI-METAL, HI-SPEED STEEL, ALLOY STEEL. SEE CHARTS.



BI-METAL 10/14

BI-METAL 10/14 BLADES multiple tooth design with varying set angles and gullet depths break up the harmonic vibrations generated in cutting, resulting in smoother, quieter cutting with longer blade life.



CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0550	1	Designed for interrupted cutting applications (tubing, structurals, etc.)	3/16" to 1/2"	10/14
48-39-0552	100	Also production cutting of solids in a variety of sizes or shapes.	3/16" to 1/2"	10/14

ALLOY STEEL

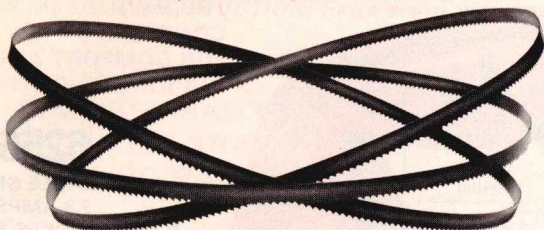
Alloy Steel Blades give greater blade life and sustain higher shock than carbon steel blades and cut a wider range of materials including tough alloys and structural steel.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0250	1	High speed cutting of aluminum,	5/16" & up	10
48-39-0252	100	angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome and tungsten steels at slow speed.	5/16" & up	10
48-39-0260	1	High speed cutting of aluminum,	3/16"-5/16"	14
48-39-0262	100	angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including chrome, tungsten steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0270	1	High speed cutting of angle iron,	5/32"-3/16"	18
48-39-0272	100	bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels including chrome and tungsten steels at slow speed.	5/32"-3/16"	18
48-39-0280	1	High speed cutting of angle iron,	Up to 5/32"	24
48-39-0282	100	bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	Up to 5/32"	24



HEAVY-DUTY BAND SAW BLADES

FOR USE WITH
MILWAUKEE BAND SAWS
44-7/8" x 1/2" x .020



CARBON STEEL

Carbon Steel Blades — inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0050	3	High speed cutting of aluminum, brass, copper, soft bronze, magnesium, wood, mild steel; and tougher steels at slow speeds.	1" & up	6
48-39-0060	3	High speed cutting of aluminum, brass, copper, magnesium, mild steel; and tougher steels at slow speed.	1/2"-1"	8
48-39-0070	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0080	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0090	3	High speed cutting of angle iron, bronze, brass, copper galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0100	3		Up to 5/32"	24

BAND SAW BLADE MERCHANDISER NO. 49-22-0076

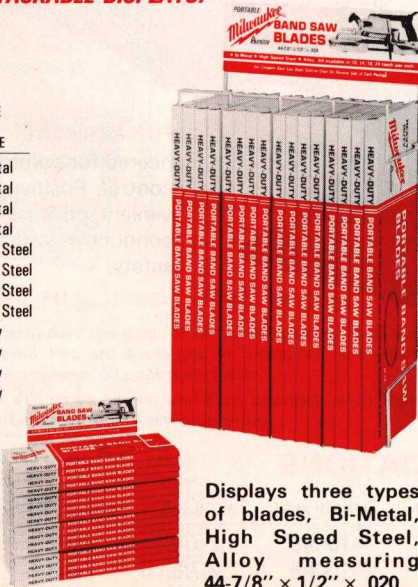
FOR MILWAUKEE BAND SAW BLADES 44-7/8" x 1/2" x .020

STACKABLE DISPLAYS!

- 16 total blades in the assortment shown below.

CATALOG NUMBER	QTY.	TEETH PER INCH	TYPE OF BLADE
48-39-0500	2	10	Bi-Metal
48-39-0510	2	14	Bi-Metal
48-39-0520	2	18	Bi-Metal
48-39-0530	2	24	Bi-Metal
48-39-0350	1	10	Hi-Speed Steel
48-39-0360	1	14	Hi-Speed Steel
48-39-0370	1	18	Hi-Speed Steel
48-39-0380	1	24	Hi-Speed Steel
48-39-0250	1	10	Alloy
48-39-0260	1	14	Alloy
48-39-0270	1	18	Alloy
48-39-0280	1	24	Alloy

With movable header — blade boxes may be displayed in the rack vertically, horizontally or stacked side by side for a series of displays.



Displays three types of blades, Bi-Metal, High Speed Steel, Alloy measuring 44-7/8" x 1/2" x .020.

FUNCTIONAL PACKAGING
All Blade packages with
Blade Selector Chart on back



BLADES FOR USE WITH BAND SAWS USING 53-3/4" x 1/2" x .020 BLADES

10 TEETH/INCH	14 TEETH/INCH
FOR CUTTING STOCK 5/16" to 1/2" *	FOR CUTTING STOCK 3/16" to 5/16" *
18 TEETH/INCH	24 TEETH/INCH
FOR CUTTING STOCK 5/32" to 3/16" *	FOR CUTTING STOCK up to 5/32" *

* Refer to RECOMMENDED USE for type of blade.

HIGH SPEED STEEL

High Speed Steel blades will outlast carbon steel and alloy steel blades for cutting most materials. Ideal for cutting carbon steel, drill rod and other solid and large diameter hard materials.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0450	1	High speed cutting of aluminum, angle iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels including stainless, chrome, tungsten steels plus other problem material at slow speed.	5/16" & up	10
48-39-0460	1		3/16"-5/16"	14
48-39-0470	1		5/32"-3/16"	18
48-39-0480	1		Up to 5/32"	24

CARBON STEEL

Carbon Steel Blades an inexpensive utility blade for intermittent use that will cut a wide range of material.

CATALOG NUMBER	QTY. PER PKG.	RECOMMENDED USE	DIAMETER OR WALL THICKNESS	TEETH PER INCH
48-39-0150	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels at slow speed.	5/16"-1/2"	10
48-39-0160	3	High speed cutting of aluminum, angle iron, cast iron, bronze, brass, copper, galvanized pipe, mild steel; and tougher steels and electric cable at slow speed.	3/16"-5/16"	14
48-39-0170	3	High speed cutting of angle iron, bronze, brass, copper, galvanized pipe, thin wall tubing, mild steel; and tougher steels at slow speed.	5/32"-3/16"	18
48-39-0180	3		Up to 5/32"	24



HEAVY-DUTY FAST CUTTING JIG SAWS

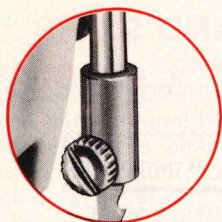
1" BLADE STROKE

Speed plus a full 1" blade stroke is the best combination for fast efficient cutting. Use MILWAUKEE SUPER-TOUGH™ Bi-Metal blades for longer blade life.

- **DOUBLE INSULATED**
- **POWERFUL MILWAUKEE-BUILT MOTORS**
BALL AND ROLLER BEARING CONSTRUCTION

BLADE ROLLER GUIDE

Added saw blade support with roller bearings for more positive cutting action, greater control and less blade breakage.



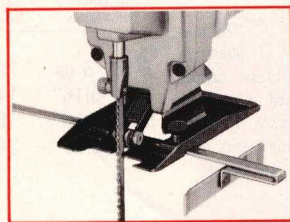
BLADE CLAMP

Simple fast blade changes... secure holding. Screwdriver eliminates need for hex wrench.

CLEAR LINE OF SIGHT

Motor fan clears dust for maximum visibility.

COUNTER BALANCED for smoother operation.



RIP FENCE FOR ACCURATE STRAIGHT OR CIRCLE CUTS

Optional. Order Accessory NO. 49-22-4090

STEEL CARRYING CASE

NO. 48-55-1077

For Models 6246 and 6256. Also for Previous Models 6245 and 6255.

TYPE "F" GREASE

NO. 49-08-4160

5-1/2 oz. Tube



TOP HANDLE CONTOURED FOR COMFORT AND ACCURATE CONTROL

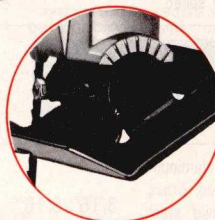
6256

VARIABLE SPEED
3.8 AMPS

0-3100 STROKES PER MIN.

TRIGGER SPEED CONTROL

Simply depress trigger for various speeds from 0 to 3100 strokes per min. For selecting a preset speed between 0 and 3100 adjust knurled button in trigger switch and depress trigger. Lock button provided.



SHOE-TILT ADJUSTMENT

Both Jig Saws can be tilted up to 45° in either direction for angle cutting. One screw holds shoe securely.

CONTOURED KNOB FOR INCREASED CONTROL



6246

SINGLE SPEED
3.8 AMPS

3100 STROKES PER MIN.

FUNCTIONAL PADDLE SWITCH

engineered for comfortable right or left one hand control. Positive on/off action. Natural convenient position for operator control. Non-conductive switch cover for greater operator safety.

**SEE PAGES 73, 74
FOR JIG SAW BLADES**

SPECIFICATIONS

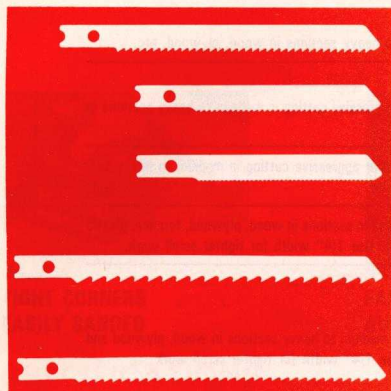
CATALOG NUMBER	SPEED TYPE	VOLTS	AMPS	STROKES PER MIN.	LENGTH (INS.)	WIDTH (INS.)	HEIGHT (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
6256	VARIABLE	120 AC ONLY	3.8	0-3100	10-3/8	2-7/8	8-1/2	5-3/4	6-3/4
6246	SINGLE	120 AC/DC	3.8	3100	10-3/8	2-7/8	7-5/8	5-1/2	6-1/2



HEAVY-DUTY SUPER-TOUGH™ BI-METAL JIG SAW BLADES

- CUT FASTER, CUT STRAIGHTER, LAST MANY TIMES LONGER THAN ORDINARY HIGH SPEED STEEL
- BI-METAL CONSTRUCTION: Extra sharp high speed steel teeth welded to alloy back for longer life, fewer changes

**1/4" UNIVERSAL TANG
FITS MOST BRANDS
OF JIG SAWS**



5 BLADES PER POUCH CATALOG NUMBER	2 BLADES PER PACK CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	TYPE OF CUT AND USAGE RECOMMENDATIONS
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METAL CUTTING—WAVY SET

48-42-2190	48-42-4190	3-5/8	5/16	12	Irregular sections in pipe, angle iron, tubing, fiberglass and structural forms.
48-42-2120	48-42-4120	2-3/4	5/16	18	Metals 18 Ga. to 10 Ga., thick conduit, channels, tubing and plastics.
48-42-2160	48-42-4160	2-3/4	5/16	21	Metals thickness from 18 Ga. to 1/8", thinner tubing, slate and formica.

EXTRA LENGTH BLADES (4-1/8")

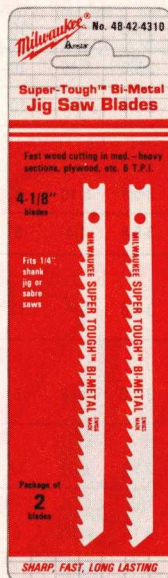
WOOD CUTTING—ALTERNATE SET—GENERAL PURPOSE

48-42-2300	48-42-4300	4-1/8	5/16	6	Fast cutting in medium to heavy sections in wood, plywood, etc.
48-42-2310	48-42-4310	4-1/8	5/16	10	Finer cutting for medium to heavy sections in wood, plastic and composition materials.



SUPER-TOUGH™ BI-METAL JIG SAW BLADE VINYL PAC ASSORTMENT NO. 49-22-1168

Sturdy vinyl "see-through" package for displaying and organizing blades. Consists of one each of SUPER-TOUGH™ BI-METAL blades Nos. 48-42-2120 (2160, 2190, 2300 and 2310). A total of 5 blades.



2 BLADE PACK

All Super-Tough™ Bi-Metal Jig Saw Blades (5 types) are now available in a convenient 2 blade blister package. Blade application data is clearly printed on the front/back of each package for quick selection. See Chart above for catalog numbers.



SUPER-TOUGH™ BI-METAL BLADE MERCHANDISER NO. 49-22-1130



JIG SAW BLADE MERCHANDISER NO. 49-22-1072

- Compact countertop or pegboard hanging. 31 different types of blades and a Bi-Metal Blade Assortment Pac are packaged in reusable, "see through" vinyl sleeves. 5 blades to a sleeve. 59 packages total.
- Display rack features an attractive header and copy channels with blade use descriptions and part numbers for easy reordering.

CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.	CAT. NO.	QTY.
48-42-0100	3	48-42-0421	2	48-42-0650	1	48-42-0850	1
48-42-0101	3	48-42-0500	2	48-42-0700	1	48-42-0860	1
48-42-0120	3	48-42-0521	2	48-42-0801	1	48-42-2120	2
48-42-0140	3	48-42-0540	2	48-42-0816	1	48-42-2160	2
48-42-0200	3	48-42-0561	1	48-42-0820	1	48-42-2190	2
48-42-0220	3	48-42-0600	2	48-42-0826	1	48-42-2300	1
48-42-0240	3	48-42-0620	2	48-42-0830	1	48-42-2310	1
48-42-0400	2	48-42-0640	2	48-42-0836	1	49-22-1168	3


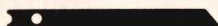
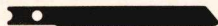
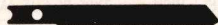
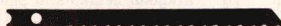

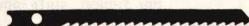

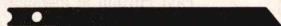



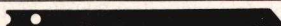
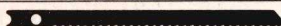
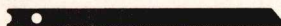
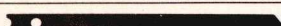
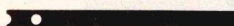


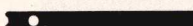

QTY.	CAT. NO.	TYPE— SAWZALL	T.P.I.	LENGTH
2	48-02-1161	Metal Scroll	10	3-5/8"
2	48-02-1162	Metal Scroll	14	3-5/8"
4	48-02-1182	Metal	14	6"
4	48-02-1184	Metal	18	6"
2	48-02-1186	Metal	24	6"
4	48-02-3031	Wood	5/8	6"
3	48-02-3035	Wood	6	6"
3	48-02-3036	Wood	6	8"
3	48-02-3037	Wood	6	12"
2	48-02-3041	Wood	4/6	6"
3	48-02-3093	Wood/Metal	10/14	8"

QTY.	CAT. NO.	TYPE— JIG SAW	T.P.I.	LENGTH
3	48-42-4120	Metal	18	2-3/4"
3	48-42-4160	Metal	21	2-3/4"
3	48-42-4190	Metal	12	3-5/8"
3	48-42-4300	Wood	6	4-1/8"
3	48-42-4310	Wood	10	4-1/8"

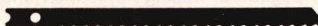
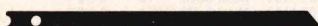
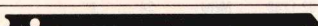
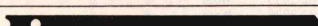
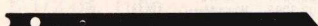
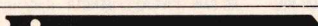
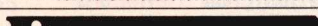


HEAVY-DUTY JIG SAW BLADES

1/4" UNIVERSAL TANG FITS MOST BRANDS OF JIG SAWS

	CATALOG NUMBER	LENGTH INCHES	WIDTH INCHES	TEETH PER INCH	QTY. PER POUCH	TYPE OF CUT AND USAGE RECOMMENDATIONS
METAL CUTTING—HIGH SPEED STEEL						
	48-42-0100 ♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber.
	48-42-0101 ♦	2-3/4	5/16	12	5	Steel to 1/8", non-ferrous metals to 1/4", plastics, fiberglass, rigid conduit, hard rubber and fiber. 25% thicker for most severe applications.
	48-42-0120 ♦	2-3/4	5/16	18	5	Metals 18 gauge to 10 gauge, tubing and plastics.
	48-42-0140 ♦	2-3/4	5/16	21	5	Metals lighter than 18 gauge, thin wall tubing, slate and formica.
WOOD CUTTING—GENERAL PURPOSE DELUXE—ALTERNATE SET GROUND—HIGH SPEED STEEL						
	48-42-0421	3-5/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—GENERAL PURPOSE—ALTERNATE SET—HIGH CARBON STEEL						
	48-42-0200 ♦	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc.
	48-42-0220 ♦	3-1/8	5/16	8	5	Forward angled for smoother aggressive cutting in medium to heavy sections in wood, plywood, etc.
	48-42-0240 ♦	3-1/8	1/4	8	5	Finer cutting in light to medium sections in wood, plywood, formica, plastic and composition materials. Use 1/4" width for tighter scroll work.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH SPEED STEEL						
	48-42-0521 ♦	3-5/8	3/8	6	5	Fast and finer cutting for medium to heavy sections in wood, plywood and composition materials. Use 1/4" width for tighter scroll work.
	48-42-0500 ♦	3-5/8	5/16	6	5	
	48-42-0600	3-5/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH SPEED STEEL						
	48-42-0561 ♦	3-5/8	3/8	10	5	Extra fine cutting in medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
	48-42-0540 ♦	3-5/8	5/16	10	5	
	48-42-0620	3-5/8	1/4	10	5	
WOOD CUTTING—ALTERNATE SET SKIP TOOTH—ABRASIVE MATERIALS—HIGH SPEED STEEL						
	48-42-0850	3-5/8	5/16	8	5	Skip tooth provides extra chip clearance for cutting in fiberglass, tough abrasive materials, non-ferrous metals, synthetics, and plaster board. Use 1/4" width for tighter scroll work.
	48-42-0860	3-5/8	1/4	8	5	
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL						
	48-42-0640 ♦	3-1/8	1/4	12	5	Reverse tooth for smooth finish on top surface. Saws plywood, formica, veneer, plastics, etc. Use 1/4" width for tighter scroll work.
WOOD CUTTING—DELUXE ALTERNATE SET—HIGH SPEED STEEL						
	48-42-0400	3-1/8	5/16	6	5	Forward angled for fast aggressive cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE WAVY SET TAPER GROUND—HIGH CARBON STEEL						
	48-42-0650	2-3/4	5/32	12	5	Special wavy set extra thin for tight smooth scroll work.
KNIFE CUTTING—HIGH CARBON STEEL						
	48-42-0700	2-1/2	KNIFE	0	5	Cuts insulating material, leather, rubber, cardboard, sponge, felt, etc.
ABRASIVE MATERIALS—MEDIUM GRIT TUNGSTEN CARBIDE						
	48-42-0801	2-7/8	3/8	0	5	Cuts plywood, hardwood veneer, fiberglass, (polyester, epoxies, melamines, etc.) ceramic tile, cast stone, slate, clay pipe, carbon, brick and chalkboard.

EXTRA LENGTH BLADES (4-1/8")

WOOD CUTTING—GENERAL PURPOSE—DELUXE ALTERNATE SET GROUND—HIGH CARBON STEEL						
	48-42-0816	4-1/8	5/16	6	5	Fast cutting in medium to heavy sections in wood, plywood, etc.
WOOD CUTTING—DELUXE TAPER GROUND—HIGH CARBON STEEL						
	48-42-0826	4-1/8	3/8	6	5	Fast, smooth cutting for medium to heavy sections in wood, plywood, and composition materials. Use 1/4" width for tighter scroll work.
	48-42-0820	4-1/8	5/16	6	5	
	48-42-0840	4-1/8	1/4	6	5	
WOOD CUTTING—EXTRA FINE DELUXE TAPER GROUND—HIGH CARBON STEEL						
	48-42-0836	4-1/8	3/8	10	5	Extra fine cutting for medium to heavy sections in wood, plastics, composition materials, etc. Especially recommended for plywood. Use 1/4" width for tighter scroll work.
	48-42-0830	4-1/8	5/16	10	5	
	48-42-0845	4-1/8	1/4	10	5	

♦ See your MILWAUKEE DISTRIBUTOR for prices on bulk packed jig saw blades.

SEE PAGE 73
FOR SUPER-TOUGH™
BI-METAL BLADES



HEAVY-DUTY ORBITAL SANDERS

FLUSH SANDING ON 3 SIDES FOR ALL MODELS

LONG 8', 2 WIRE RUBBER CORD •
FOR OPERATOR CONVENIENCE

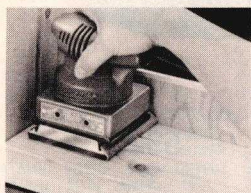
BUILT FOR CONTINUOUS PRODUCTION USE •



ORBITAL FINISHING SANDER

USE 1/4 OF STANDARD 9" x 11" SANDPAPER **6016**

- 13,000 ORBITS/MIN. — FOR FAST REMOVAL FINISH SANDING. 1/16" ORBIT
- DOUBLE INSULATED
- BALL BEARINGS
- DESIGNED FOR ONE HAND OPERATION
- ROCKER TYPE ON/OFF SWITCH
- FAST SANDPAPER CHANGE WITH LEVER TYPE CLAMPS



TIGHT CORNERS
EASILY SANDED



FAST FINISHING FOR
AUTO BODY JOBS



FAST FINISHING FOR
CABINET MAKERS



CLEANUP, REMOVAL
OF PAINT, RUST

SPECIFICATIONS

CATALOG NUMBER	VOLTS	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6016	120	1.8	W/Rubber Pad 4-3/8" x 4"	13,000	1/16	4-1/2	4-3/8	5	2.4	3.25



DUST PICK UP KIT
NO. 48-09-0300
(ONLY FOR USE WITH
NO. 6014 SANDER)

FAST

1. TAKE NO. 6014 SANDER
2. SNAP ON DUST PICK UP KIT
3. READY FOR SANDING IN SECONDS!

ILLUSTRATED: NO. 6014
SANDER WITH DUST
PICK UP KIT ATTACHED

ACCESSORY

RUBBER BACKING PAD KIT
NO. 49-22-0050

(3-5/8" x 7-3/8") Fits No. 6012 only.

USE 1/3 OF STANDARD 9" x 11" SANDPAPER **6012**

USE 1/2 OF STANDARD 9" x 11" SANDPAPER **6014**

EXCLUSIVE DUST PICK UP KIT AVAILABLE
FOR MODEL 6014

- 12,000 ORBITS/MIN. — FOR FAST REMOVAL — BLEMISH FREE SURFACES
- FOR CONTINUOUS PRODUCTION USE
- BALL BEARINGS
- DESIGNED FOR 1 OR 2 HAND CONTROL
- THUMB SLIDE SWITCH
- STRONG, DURABLE 40% GLASS REINFORCED NYLON HOUSING AND HANDLES
- SPECIALLY ENGINEERED AND PRECISION MACHINED FOR LOW VIBRATION
- AMPLE RESERVE POWER FOR HEAVY SANDING

STEEL CARRYING CASE

Available for both models
NO. 48-55-0740



SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	DESCRIPTION	ORBITS PER MINUTE NO LOAD	DIAMETER OF ORBIT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	NET WGT. LBS.	SHP. WGT. LBS.
6012	120	5	W/Felt Pad 3-5/8" x 7-3/8"	12,000	1/8	10-1/2	3-5/8	7	6	7
6014	120	5	W/Felt Pad 4-1/2" x 9-1/4"	12,000	1/8	11-1/2	4-1/2	7	7	8



HEAVY-DUTY 3" and 4" HIGH PERFORMANCE BELT SANDERS

POWERFUL 10 AMP BELT SANDERS FOR FAST MATERIAL REMOVAL
WITH OR WITHOUT BUILT IN DUST COLLECTION VACUUM SYSTEM

DOUBLE INSULATED

BUILT FOR CONTINUOUS PRODUCTION USE

5920 3" x 24" WITHOUT
DUST COLLECTOR

5925 3" x 24" WITH
DUST COLLECTOR

5931 4" x 24" WITHOUT
DUST COLLECTOR

5936 4" x 24" WITH
DUST COLLECTOR

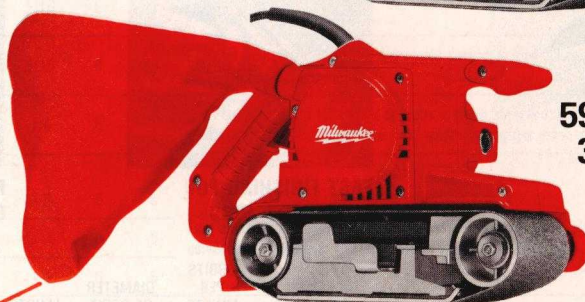
- WEIGHT IS CENTERED DIRECTLY OVER BASE FOR CONTROL/BALANCE
- RUBBER COATED REAR PULLEY FOR FULL TRACTION UNDER HEAVY PRESSURE
- BELT DRIVE MINIMIZES GEAR MAINTENANCE
- POSITIVE BRUSH STOP... PREVENTS SPRING FROM DAMAGING COMMUTATOR
- INDEPENDENT VENTILATING AND EXHAUST FAN
- STRONG GLASS REINFORCED NYLON CONSTRUCTION
- DOUBLE INSULATED

• **4" MODELS SAND FLUSH**

SEPARATE STRAIN RELIEF •
FOR LONGER
CORD LIFE



5920
3"



5925
3"

• **LARGE DUST COLLECTOR BAG**
For constant, powerful dust pick up.
Out of way — empties easily.

• **BELT RELEASE LEVER**
For quick belt change.

SWITCH •
With lock-on
control.



5931
4"



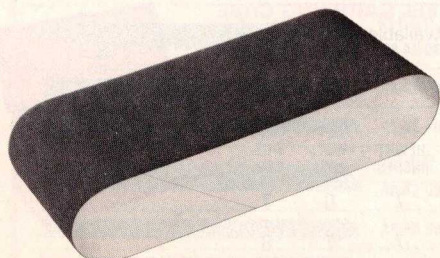
5936
4"

SPECIFICATIONS

CATALOG NUMBER	BELT SPEED S FPM	BELT SIZE	VOLTS AC/DC	AMPS	NET WGT. LBS.	SHP. WGT. LBS.
5920	1400	3"	120	10	13-1/2	16-1/2
5925	1400	3"	120	10	13-3/4	16-3/4
5931	1400	4"	120	10	14-1/4	17-1/4
5936	1400	4"	120	10	14-1/2	17-1/2

STANDARD EQUIPMENT: (1) 36 grit sanding belt.

OPEN COAT SANDING BELTS FOR BELT SANDERS



CATALOG NUMBER	SIZE	BELTS PER PKG.	GRIT	TYPE	USE
49-37-3036	3 x 24	10	36	COARSE	For fast sanding of wood and non-ferrous material.
49-37-4036	4 x 24	10	36		
49-37-3060	3 x 24	10	60	MEDIUM	For general smoothness of wood or metal.
49-37-4060	4 x 24	10	60		
49-37-3120	3 x 24	10	120	FINE	For finish work on wood or metal.
49-37-4120	4 x 24	10	120		



HEAVY-DUTY ROUTERS

POWERFUL, LIGHTWEIGHT, FOR EXTRA HEAVY-DUTY JOBS

- **FUNCTIONAL TRIGGER-HANDLE GROUPING**
- **OUT-OF-WAY ELECTRIC CORD**
- **FLAT TOP FOR STEADY POSITIONING**

For changing bits, removing base or measuring bit for depth of cut.

- **ACCURATE SIMPLE DEPTH ADJUSTMENT**

Adjusting ring, marked in 1/64" graduations, permits friction-free operation with locking device to maintain depth-of-cut.

- **HEAVY-DUTY SUB BASE**

With large openings for maximum visibility.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	MAXIMUM TOOL POWER OUTPUT H.P.	NO LOAD SPEED RPM	COLLET CAPACITY	SUB OVER-BASE ALL DIA. HGT.	NET WGT. LBS.	SHP. WGT. LBS.
5620	120	8	1.00	23,000	1/4"-3/8"	6" 8"	8	10
5660	120	10	1.50	24,500	1/4"-3/8"-1/2"	6" 8"	8-1/2	11
5680	120	12	2.00	26,000	1/4"-3/8"-1/2"	6" 8"	8-3/4	11-1/4

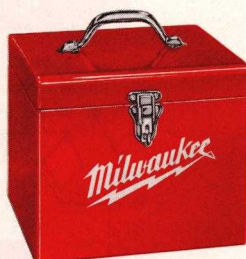
STANDARD EQUIPMENT

1.00 H.P. ROUTER model 5620 includes a 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070), a 1" open end wrench (No. 49-96-4075) and router base (No. 48-10-0070).

1.50 H.P. ROUTER model 5660 includes a 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

2.00 H.P. ROUTER model 5680 includes a 1/2" collet (No. 48-66-1010), 7/8" open end wrench (No. 49-96-4070), a 1-1/4" open end wrench (No. 49-96-4100) and router base (No. 48-10-0070).

**STEEL CARRYING CASE
FOR MILWAUKEE ROUTERS**
NO. 48-55-0810



MOTORS ONLY (Less Router Base)

NO. 5610 Motor for 1.00 H.P. Unit

Includes 1/4" collet (No. 48-66-0980), a 7/8" open end wrench (No. 49-96-4070) and a 1" open end wrench (No. 49-96-4075).

NO. 5650 Motor for 1.50 H.P. Unit

Includes 1/4" collet (No. 48-66-0985), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

NO. 5670 Motor for 2.00 H.P. Unit

Includes 1/2" collet (No. 48-66-1010), a 7/8" open end wrench (No. 49-96-4070) and a 1-1/4" open end wrench (No. 49-96-4100).

BASE ASSEMBLY ONLY

NO. 48-10-0070

For 1.00, 1.50 and 2.00 H.P. units.

Base includes 2 handles, sub base and wing lock nut.



5620
1.00 HP
8 AMPS

5660
1.50 HP
10 AMPS

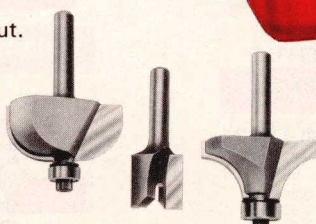
5680
2.00 HP
12 AMPS



MOTOR



**BASE
ASSEMBLY**



**SELECT
MILWAUKEE[®] SUPERIOR**
• **SOLID CARBIDE**
• **CARBIDE TIPPED**
ROUTER BITS

SEE PAGES 78, 79 for CARBIDE BITS
SEE PAGE 80 for HIGH SPEED STEEL BITS

For • FASTEST RATE OF FEED • PRECISION CUTTING • EXTENDED BIT LIFE

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY ROUTER BITS

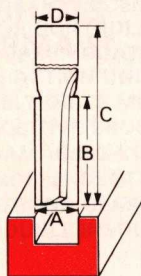
SOLID CARBIDE and CARBIDE-TIPPED

FOR **SUPERIOR** PRECISION CUTTING, FASTEST FEED, LONGEST LIFE

SUPERIOR MILWAUKEE SOLID CARBIDE and CARBIDE TIPPED router bits **OUTLAST** High Speed Steel bits. Manufactured under exacting supervision, using latest technology, each bit has been carefully evaluated for **FASTEST** rate of feed and **LONG LIFE**. Bit geometry, contours, carbide bonding produce **PRECISE CUTTING ANGLES**. MILWAUKEE's best bit for the professional craftsmen.

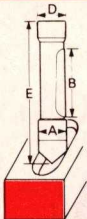
STRAIGHT BITS—TWO FLUTES

For all general purpose routing (rabbeting, grooving, da-ding, etc.). Smooth finish cuts. Use long shank bits where nature of cut requires longer shank extension.



CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
1/4" SHANK				
48-23-5055	1/4	3/4	2	1/4
48-23-5056	1/4	1	2-1/4	1/4
48-23-5057	1/4	1	2-7/8	1/4
48-23-5065	5/16	1	2-1/4	1/4
48-23-5070	3/8	1	2-1/4	1/4
48-23-5080	1/2	1	2-1/8	1/4
48-23-5085	9/16	3/4	2-1/8	1/4
48-23-5090	5/8	3/4	2	1/4
48-23-5100	3/4	3/4	2	1/4
1/2" SHANK				
48-23-5135	3/8	1	2-3/4	1/2
48-23-5140	1/2	1	2-5/8	1/2
48-23-5141	1/2	1-1/4	2-7/8	1/2
48-23-5142	1/2	2	4-1/4	1/2
48-23-5144	1/2	1-1/2	3-1/8	1/2
48-23-5150	3/4	1-1/4	2-7/8	1/2
48-23-5155	7/8	1-1/4	2-7/8	1/2
48-23-5160	1	1-1/4	2-7/8	1/2

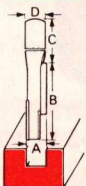
COMBINATION PILOT PANEL BITS WITH DRILL POINTS—SINGLE FLUTE



For trimming veneer and for templet panel routing.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	D IN.	E IN.
48-23-6000	1/4	3/4	1/4	2-1/2
48-23-6020	3/8	1	3/8	3
48-23-6040	1/2	1-3/16	1/2	3-1/2

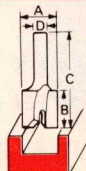
STAGGER TOOTH STRAIGHT BIT



Excellent for cut outs. This design gives the bit two flute balance with single flute cutting speed.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-5143	1/2	2	2-1/4	1/2

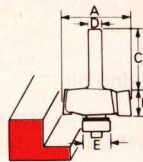
HINGE MORTISING BIT



Fast cutting bit for making mortises when cut is started from edge of work.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-6100	1/2	3/4	1-3/4	1/4

RABBETING BITS

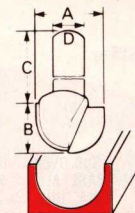


With pilot. For making rabbeting cuts without use of router guide. Carbide tip bit has replaceable ball bearing pilot.

CATALOG NUMBER	CARBIDE TIPPED				
	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.
48-23-6400	3/8	1-1/4	1/2	1-1/8	1/4
48-23-6440	3/8	1-1/4	1/2	1-1/2	1/2

Replacement Ball Bearing 49-54-1060...By substituting Bearing 49-54-1070, rabbet depth can be increased to 7/16".

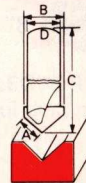
CORE BOX BITS—TWO FLUTES



Especially effective in fluting flat surfaces (mantels and facades).

CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-5600	1/4	3/8	1-1/8	1/4
48-23-5610	1/2	3/8	1-1/8	1/4
48-23-5620	5/8	.417	1-1/8	1/4
48-23-5630	3/4	.465	1-1/8	1/4
48-23-5640	3/4	.465	1-1/2	1/2

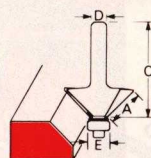
V-GROOVING BITS



Excellent for lettering and sign work.

CATALOG NUMBER	SOLID CARBIDE			
	A IN.	B IN.	C IN.	D IN.
48-23-8200	3/16	1/4	1-1/2	1/4
CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	B IN.	C IN.	D IN.
48-23-8210	1/2	3/8	1-3/4	1/4
48-23-8230	1/2	1/2	1-3/4	1/4

45° CHAMFERING BITS—TWO FLUTES

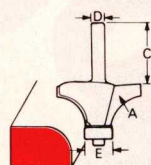


With pilot. For decorative edging and making concealed joints. Carbide tip bit has replaceable ball bearing pilot.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN.	C IN.	D IN.	E IN.
48-23-6200	1/2	1-5/8	1/4	3/8
48-23-6240	1/2	2	1/2	3/8

Replaceable Bearing 49-54-1090.

CORNER ROUNDING BITS

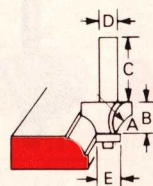


With pilot. For decorative edging and for drop leaf table joints. Carbide tip bits have replaceable ball bearing pilot.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN. RADIUS	C IN.	D IN.	E IN.
48-23-5410	1/4	1-1/4	1/4	1/2
48-23-5420	5/16	1-3/8	1/4	1/2
48-23-5430	3/8	1-1/4	1/4	1/2

Replaceable Bearing 49-54-1060...Converts to Beading Bit by substituting Bearing 49-54-1070.

BEADING BITS—TWO FLUTES



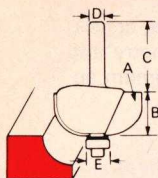
With pilot. For decorative furniture. Pilot guides router along edge of work. Carbide tip bits have replaceable ball bearing pilot.

CATALOG NUMBER	CARBIDE TIPPED			
	A IN. RADIUS	B IN.	C IN.	D IN.
48-23-5510	3/16	1/2	1-1/4	1/4
48-23-5520	1/4	1/2	1-1/8	1/4
48-23-5525	5/16	1/2	1-1/8	1/4
48-23-5530	3/8	5/8	1-1/8	1/4

Replaceable Bearing 49-54-1070...Convert to Corner Rounding Bit by substituting Bearing 49-54-1060.

COVE BITS—TWO FLUTES

With pilot. For decorative edging and for drop leaf joints.



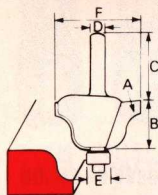
CARBIDE TIPPED

CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.	E IN.
48-23-5700	1/4	33/64	1-1/8	1/4	3/8
48-23-5710	3/8	33/64	1-1/8	1/4	3/8
48-23-5720★	1/2	23/32	1-1/8	1/4	3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

ROMAN OGEE BITS

With pilot. For decorative furniture. Pilot guides router along edge of work.



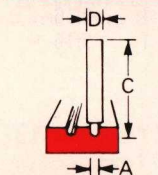
CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.	F IN.
48-23-5800	5/32	5/8	1-1/8	1/4	3/8	1
48-23-5810★	1/4	.787	1-1/8	1/4	3/8	1-3/8

★ Not recommended for use with MILWAUKEE routers.
Replaceable Bearing 49-54-1090.

PROVINCIAL DESIGN VEINER BITS

Most practical for veining designs on panels, cabinet doors and furniture.

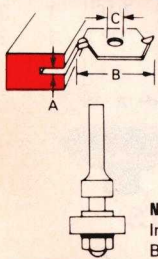


SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5295	1/8	1-1/2	1/4
48-23-5300	3/16	1-1/2	1/4

TWO WING SLOTTING CUTTERS

Used for slotting plywoods and core boards for "T" moldings.



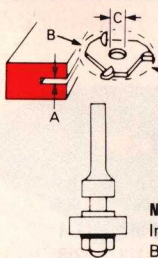
CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8000	1/16	1-7/8	5/16
48-23-8005	5/64	1-7/8	5/16
48-23-8020	3/32	1-7/8	5/16
48-23-8030	1/4	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050
Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

THREE WING SLOTTING CUTTERS

Used for slotting plywoods and core boards for "T" moldings.



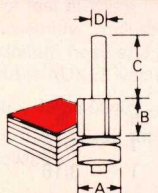
CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-8100	1/16	1-7/8	5/16
48-23-8110	5/64	1-7/8	5/16
48-23-8120	3/32	1-7/8	5/16
48-23-8130	1/8	1-7/8	5/16

NOTE: USE ABOVE WITH SLOTTING CUTTER ARBOR NO. 48-23-8050
Includes 1/4" shank Slotting Cutter Arbor, Nut Washer and Bearing. Replacement Arbor Bearing No. 49-54-1080.

HELIX LAMINATE TRIMMERS

Designed to force the laminate against backing for chip free cuts — eliminates surface flake out. Replaceable ball bearing pilot.

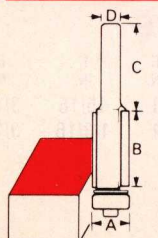


CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	C IN.	D IN.
48-23-6700	Flush	3/4	5/8	1	1/4
48-23-6710	15°	3/4	3/8	1	1/4

Replaceable Bearing 49-54-1050.

FLUSH TRIM BITS—TWO FLUTES—BALL BEARING

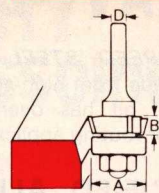


CARBIDE TIPPED

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-6500	3/8	1/2	1-1/2	1/4
48-23-6505	3/8	1	1-1/2	1/4
48-23-6520	1/2	1	1-1/2	1/4
48-23-6540	1/2	1	2	1/2

Replaceable Bearing 49-54-1090 for 48-23-6500 and 48-23-6505. Replaceable Bearing 49-54-1060 for 48-23-6520 and 48-23-6540.

FOUR WING LAMINATE CUTTERS



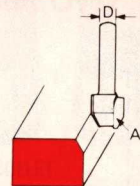
CARBIDE TIPPED

CATALOG NUMBER	TYPE OF CUT	A IN.	B IN.	D IN.
48-23-6600	0°	.865	1/4	1/4
48-23-6610	15°	.865	1/4	1/4

Replaceable Bearing 49-54-1080.

COMBINATION STRAIGHT AND 23° BEVEL TRIM BIT

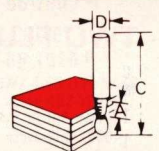
Combines 23° bevel trim and flush trim cuts in one bit.



CARBIDE TIPPED

CATALOG NUMBER	A DEGREES	D IN.
48-23-6715	23	1/4

7° BEVEL TRIMMER

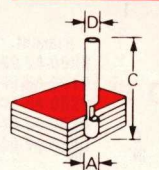


SOLID CARBIDE

CATALOG NUMBER	A DEGREES	C IN.	D IN.
48-23-5195	7	1-1/2	1/4

FLUSH TRIM BIT

With pilot. Produces square, flush edge on plastic laminates.



SOLID CARBIDE

CATALOG NUMBER	A IN.	C IN.	D IN.
48-23-5235	1/4	1-1/2	1/4



NEW

NEW

CARBIDE ROUTER BIT MERCHANDISER NO. 49-22-0250

- ATTRACTIVE, COUNTER OR WALL HANGING DISPLAY
- LOCKABLE AND PILFER RESISTANT
- UNIQUE, VACUUM FORMED POCKETS HOLDS 4 PLUS BITS OF 24 DIFFERENT TYPES
- MEASURES ONLY 23-1/2" H x 28-1/4 W

Comes complete with 22 Bits as listed in the table below.

CATALOG NUMBER	NUMBER OF PACKAGES	CATALOG NUMBER	NUMBER OF PACKAGES	CATALOG NUMBER	NUMBER OF PACKAGES
48-23-5055	1	48-23-5430	1	48-23-6200	1
48-23-5056	1	48-23-5520	1	48-23-6400	1
48-23-5070	1	48-23-5530	1	48-23-6520	1
48-23-5080	1	48-23-5600	1	48-23-6700	1
48-23-5100	1	48-23-5710	1	48-23-6715	1
48-23-5235	1	48-23-5800	1	48-23-8210	1
48-23-5295	1	48-23-6020	1		
48-23-5410	1	48-23-6100	1		



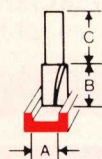
HEAVY-DUTY ROUTER BITS

MILWAUKEE HIGH SPEED STEEL ROUTER BITS are a select line, made from high-speed, heat treated, tool steel. Each bit has been carefully evaluated and approved for routing applications with

MILWAUKEE routers. Double-ground edges, consistent matching contours, high speed geometry and critical hardness control all add up to maximum accuracy and economy.

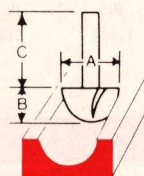
UNLESS OTHERWISE SPECIFIED, ALL SHANK DIAMETERS ARE 1/4"

STRAIGHT BITS — TWO FLUTES



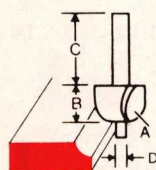
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0050	1/4	5/8	1
48-23-0060	5/16	3/4	1-1/4
48-23-0070	3/8	3/4	1
48-23-0080	1/2	3/4	1
48-23-0090	5/8	5/8	1
48-23-0100	3/4	5/8	1

CORE BOX BITS — TWO FLUTES



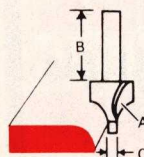
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0200	1/4	1/4	1
48-23-0210	3/8	1/4	1
48-23-0220	1/2	11/32	1
48-23-0230	5/8	3/8	1
48-23-0240	3/4	15/32	1

COVE BITS — TWO FLUTES



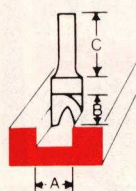
CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.	D IN.
48-23-0310	1/4	1/2	1	3/16
48-23-0320	3/8	5/8	1	3/16
48-23-0330	1/2	3/4	1	3/16

CORNER ROUNDING BITS



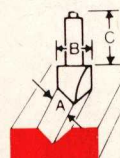
CATALOG NUMBER	A IN. RADIUS	B IN.	C IN.
48-23-0410	1/4	1	3/16
48-23-0430	3/8	1	3/16
48-23-0440	1/2	1	3/16

HINGE MORTISING BITS



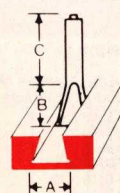
CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1120	1/2	3/4	1-5/16

V-GROOVING BITS

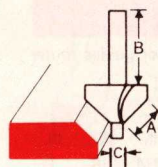


CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-0600	3/8	1/2	1
48-23-0610	7/8	1-1/8	1

DOVETAIL BIT

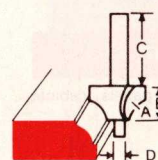


CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1310	9/16	17/32	1-3/32



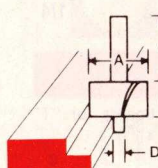
CHAMFERING BITS — TWO FLUTES

CATALOG NUMBER	A IN.	B IN.	C IN.
48-23-1200	1/2	1	3/16



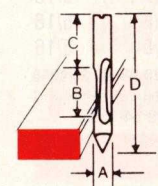
BEADING BITS — TWO FLUTES

CATALOG NUMBER	A RADIUS	B IN.	C IN.	D IN.
48-23-0510	1/8	3/8	1	3/16
48-23-0520	1/4	1/2	1	3/16
48-23-0530	3/8	3/4	1	3/16



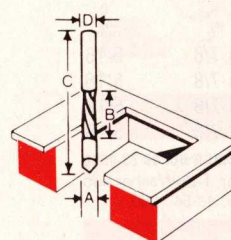
RABBETING BITS

CATALOG NUMBER	RABBET DEPTH IN.	A IN.	B IN.	C IN.	D IN.
48-23-1400	1/4	11/16	7/16	1	3/16
48-23-1410	3/8	15/16	1/2	1	3/16



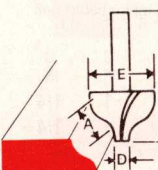
COMBINATION PILOT PANEL BITS WITH DRILL POINTS

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1010	1/4	3/4	1	2-5/8



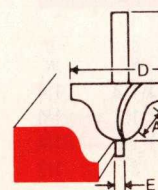
DOWN SPIRAL PILOT PANEL BITS WITH DRILL POINTS

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.
48-23-1020	1/4	3/4	2-5/8	1/4
48-23-1025	3/8	7/8	3-1/2	3/8
48-23-1030	1/2	1-3/4	4-1/2	1/2



Ogee BITS

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-0900	3/16	5/8	1	3/16	1 3/16
48-23-0910	9/32	29/32	1	3/16	1 3/16



ROMAN OGEE BITS

CATALOG NUMBER	A IN.	B IN.	C IN.	D IN.	E IN.
48-23-0800	5/32	1/2	1	15/16	3/16
48-23-0810	1/4	3/4	1	1-3/16	3/16



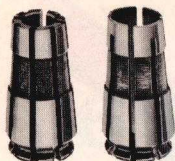
HEAVY-DUTY ROUTER ACCESSORIES

COLLETS FOR MILWAUKEE ROUTERS

FOR 1.00 H.P. MODEL

1/4"

3/8"

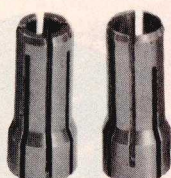


1/4" COLLET
NO. 48-66-0980 *
3/8" COLLET
NO. 48-66-0990 *

* For **CURRENT** 1.00 H.P. Model
with serial no. above 451-12247.

1/4"

3/8"



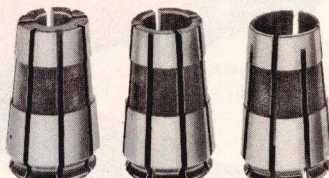
1/4" COLLET
NO. 48-66-0930
3/8" COLLET
NO. 48-66-0940

FOR 1.50 H.P. and 2.00 H.P. MODELS

1/4"

3/8"

1/2"



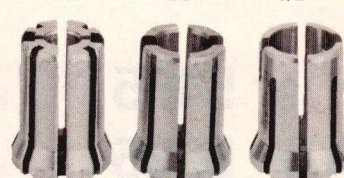
1/4" COLLET
NO. 48-66-0985 *
3/8" COLLET
NO. 48-66-1000 *
1/2" COLLET
NO. 48-66-1010 *

* For **CURRENT** 1.50 H.P. Model
with serial no. above 452-19550
and **CURRENT** 2.00 H.P. Model
with serial no. above 608-2566.

1/4"

3/8"

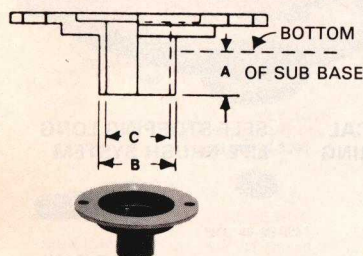
1/2"



1/4" COLLET
NO. 48-66-0945
3/8" COLLET
NO. 48-66-0950
1/2" COLLET
NO. 48-66-0955

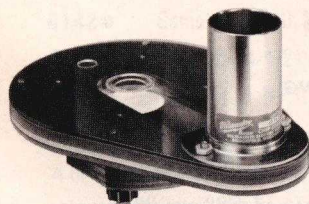
GENERAL TEMPLAT GUIDES AND HINGE BUTT GUIDE

For 1.00, 1.50 and 2.00 H.P. Routers (Includes 2 screws)



TEMPLAT	DIMENSIONS			NUMBER
	A	B	C	
GENERAL	5/16	1/4	3/16	49-54-0500
GENERAL	3/16	3/8	5/16	49-54-0510
GENERAL	5/16	7/16	3/8	49-54-0520
GENERAL	3/16	5/8	9/16	49-54-0530
HINGE BUTT	7/16	5/8	9/16	49-54-0550

CHIP COLLECTOR ASSEMBLY



NO. 49-54-2000

For fast efficient material removal.
Assembly includes 10' 1-1/2"
vacuum hose and attaches to any
MILWAUKEE vacuum cleaner.

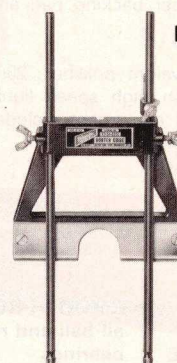
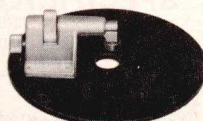
NO. 49-54-0540

Templat Guide Kit for router chip
collector.

VENEER TRIM KIT

NO. 49-54-0300

For cutting hard plastic laminates. Comes complete with base, mounting screws, combination straight and bevel trim bit and extra nylon guide.



ROUTER GUIDE

NO. 49-54-0200

For straight cuts. Includes
Trammel Point Assembly.

TRAMMEL POINT ASSEMBLY

NO. 49-54-0210

For cutting
circles.



OPEN END WRENCHES

(See Standard Equipment)

7/8" OPEN END WRENCH NO. 49-96-4070

1" OPEN END WRENCH NO. 49-96-4075

1-1/8" OPEN END WRENCH NO. 49-96-4080

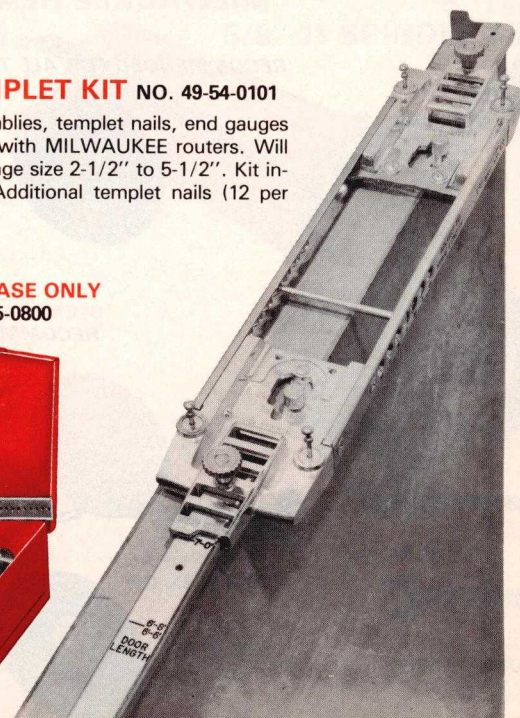
1-1/4" OPEN END WRENCH NO. 49-96-4100

DOOR AND JAMB BUTT TEMPLAT KIT NO. 49-54-0101

Includes carrying case, templat, link rail assemblies, templat nails, end gauges and hinge butt guide No. 49-54-0550 for use with MILWAUKEE routers. Will mortise any 6' 6", 6' 8" or 7' door and any hinge size 2-1/2" to 5-1/2". Kit includes detailed instructions for proper use. Additional templat nails (12 per package) are available (No. 49-54-0600).

CARRYING CASE ONLY

NO. 48-55-0800





HEAVY-DUTY POLISHERS

BALANCED POWERFUL RUGGED

11 AMPS

7"/9" 5455 1750 RPM

7" 5535 2800 RPM

NO. 5455, 7"/9" DIA. Lightweight polisher, 1750 RPM used with standard liquid polishes. Standard equipment includes 7" rubber backing pad and disc nut.

NO. 5535, 7" DIA. Lightweight polisher, 2800 RPM for exclusive use with high speed liquid machine polishes. Standard equipment includes 7" rubber backing pad and disc nut.



• STRONG LIGHT-WEIGHT NON-CONDUCTIVE GLASS REINFORCED NYLON MOTOR HOUSING AND HANDLE

FEATURES COMMON TO 7" AND 9" POLISHERS

- URETHANE BUMPERS PROTECT GEAR CASE & HANDLE
- SMOOTH RUNNING all ball and roller bearings
- SPRING LOADED SPINDLE LOCK
- ALUMINUM GEAR CASE
- HELICAL GEARING
- SELF-STOPPING LONG LIFE BRUSH SYSTEM

SPECIFICATIONS

CATALOG NUMBER	PAD DIAMETER	VOLTS AC/DC	AMPS	SPEED NO LOAD (RPM)	LENGTH +	NET WEIGHT	SHIPPING WEIGHT
5455	7"/9"	120	11	1750	16-1/2	8-3/4 lbs.	15-1/2 lbs.
5535	7"	120	11	2800	16-1/2	8-3/4 lbs.	15-1/2 lbs.

+ Over-all length of tool only — not including pad.

MILWAUKEE HEAVY-DUTY POLISHER ACCESSORIES

100% WOOLEN YARN POLISHING PADS

RECOMMENDED FOR ALL TYPES OF COMPOUNDING, BLENDING AND POLISHING



POLISHING PAD

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-1450	CURVED POLISHING PAD	7-1/2"	1-1/2"
49-36-1455	POLISHING PAD	7-1/2"	2" *
49-36-1600	POLISHING PAD	9"	1-1/2"

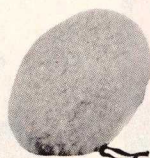
* The 2" pile height adds extra density and will outlast any woolen yarn pad on the market. It is more economical to use because of its long life.

BLENDED WOVEN WOOL PADS AND BONNETS

RECOMMENDED FOR HIGH GLOSS FINISHING

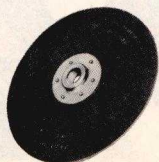


LAMBSWOOL PAD



LAMBSWOOL BONNET

CATALOG NUMBER	DESCRIPTION	DIAMETER	DEPTH OF PILE
49-36-0500	CURVED LAMBSWOOL PAD	7-1/2"	1-1/2"
48-48-0500	LAMBSWOOL BONNET	7"	1-1/2"
49-36-0700	LAMBSWOOL PAD	9"	1-1/2"
48-48-1000	LAMBSWOOL BONNET	9"	1-1/2"



MOLDED RUBBER BACKING PAD

CATALOG NUMBER	DESCRIPTION
49-36-2500	7" dia. Molded Rubber Backing Pad
49-36-2200	8-1/2" dia. Molded Rubber Backing Pad
49-40-0390	Disc Nut
49-08-4140	Type "G" Grease 1 lb. Can



HEAVY-DUTY 4-1/2" and 5" SANDER/GRINDERS

POWERFUL LIGHTWEIGHT COMPACT 5.5 AMP 10,000 RPM
SANDER/GRINDERS ■ FEATURES

- REVERSIBLE
SIDE HANDLE**
- For right or left handed operation

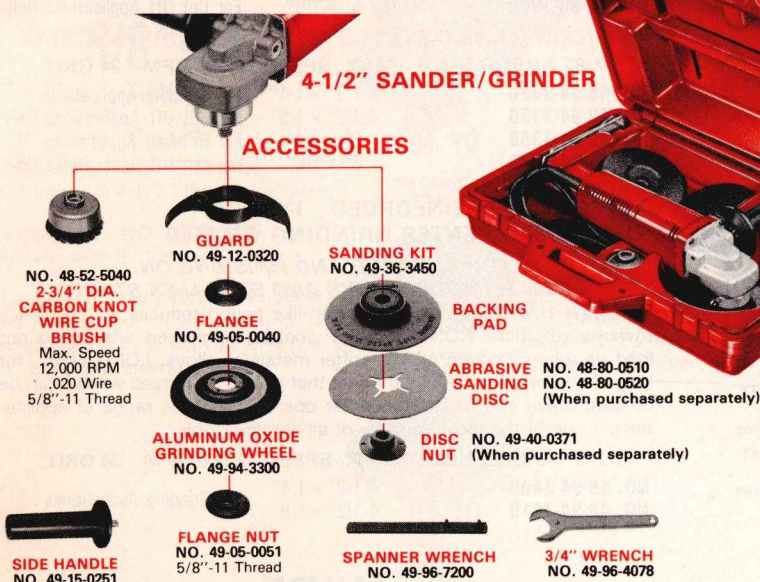
- DOUBLE INSULATED
ALL BALL AND ROLLER BEARINGS
ALUMINUM GEAR HOUSING
MADE IN U.S.A.**

- PADDLE SWITCH**
- Conveniently mounted for one hand operation

- GUARD
SINGLE SCREW
MOUNT**

■ SANDER/GRINDER MAY BE CONVERTED TO A SANDER BY USING SANDER ACCESSORIES SHOWN ON PAGES 84, 85

6142 KIT CONTAINS:



6140 **NEW**
4-1/2" DIA.
5/8"-11 SPINDLE SIZE
(KIT) 6142 **NEW**
4-1/2" DIA.
5/8"-11 SPINDLE SIZE
6145
4-1/2" DIA.
1/2"-13 SPINDLE SIZE



SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIA.	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE SIZE ▲	LENGTH (INS.)	NET WEIGHT (LBS.)	SHIPPING WEIGHT (LBS.)
6140★●	10,000	4-1/2"	120	5.5	.75	5/8"-11	10-1/2	4-1/2	6-1/4
6142●	Same as 6140, but with Carrying Case and additional Accessories								11
6145★●	10,000	4-1/2"	120	5.5	.75	1/2"-13	10-1/2	4-1/2	6-1/4
6141●	10,000	5"	120	5.5	.75	5/8"-11	10-1/2	5	7

★ Available in 240 Volts AC-DC. Add -2 after Catalog Number when ordering. See price sheet. Not available in Canada.

● When used as a grinder, guard must be used for O.S.H.A. compliance.

▲ Flange designed to accommodate 7/8" hub depressed center wheel.

STANDARD EQUIPMENT FOR NO. 6140: Grinding wheel guard assembly, No. 49-12-0320; one 4-1/2" x 1/4" x 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3300; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange, No. 49-05-0040 with flange nut, No. 49-05-0051 and side handle, No. 49-15-0251.

STANDARD EQUIPMENT FOR NO. 6142: Same as for Model 6140 and also includes carrying case, No. 48-55-0886; knot wire cup brush, No. 48-52-5040 and backing pad assembly, No. 49-36-3455.

STANDARD EQUIPMENT FOR NO. 6145: Grinding wheel guard assembly, No. 49-12-0320; one 4-1/2" x 1/4" x 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3300; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange, No. 49-05-0040 with flange nut, No. 49-05-0050 and side handle, No. 49-15-0251.

STANDARD EQUIPMENT FOR NO. 6141: Grinding wheel guard assembly, No. 49-12-0330; one 5" x 1/4" x 7/8" 24 grit aluminum oxide grinding wheel, No. 49-94-3340; 3/4" open end wrench, No. 49-96-4078 with spanner wrench, No. 49-96-7200; flange, No. 49-05-0070 with flange nut, No. 49-05-0051 and side handle No. 49-15-0251.

4-1/2" AND 5" SANDER/GRINDER ACCESSORIES



**STEEL
CARRYING
CASE
NO. 48-55-0885**



**PROTECTIVE CARRYING
CASE...HIGH
IMPACT POLYETHELENE
NO. 48-55-0886**
Same as furnished with 6142 KIT. May be used with either 4-1/2" or 5" Sander/Grinders.



**SIDE HANDLE
NO. 49-15-0251**
**TYPE "O" GREASE
NO. 49-08-4200
1 LB. CAN**



**SPANNER WRENCH
NO. 49-96-7200**



**3/4" WRENCH
NO. 49-96-4078**



6141 **NEW**
5" DIA.
5/8"-11 SPINDLE SIZE

FOR COMPLETE LINE 4-1/2" AND 5" SANDER/GRINDER ACCESSORIES SEE PAGES 84, 85

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY ACCESSORIES

for:

4-1/2" SANDER/GRINDERS

5/8"-11 Spindle Thread Size
models 6140, 6142

4-1/2" SANDER/GRINDER

1/2"-13 Spindle Thread Size
model 6145

5" SANDER/GRINDER

5/8"-11 Spindle Thread Size
model 6141

NOTE: The maximum safe operating speed shown on the grinding wheels, and any accessory used, must be greater than the no load speed of the tool.

GRINDING WHEELS

USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

USE FLANGE NO. 49-05-0040 for 4-1/2" Grinder NO. 49-05-0070 for 5" Grinder

REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

ALUMINUM OXIDE DISCS FOR METAL

7/8" ARBOR HOLE	MAX. SPEED	12,500 RPM	24 GRIT
NO. 49-94-3300	4-1/2" x 1/4"		For Grinding Applications
NO. 49-94-3310	4-1/2" x 1/8"		For Cut Off Applications Only
NO. 49-94-3340	5" x 1/4"		For Grinding Applications
NO. 49-94-3350	5" x 1/8"		For Cut Off Applications Only

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

7/8" ARBOR HOLE	MAX. SPEED	12,500 RPM	24 GRIT
NO. 49-94-3320	4-1/2" x 1/4"		For Grinding Applications
NO. 49-94-3330	4-1/2" x 1/8"		For Cut Off Applications Only
NO. 49-94-3360	5" x 1/4"		For Grinding Applications
NO. 49-94-3370	5" x 1/8"		For Cut Off Applications Only

COTTON REINFORCED TYPE 27 DEPRESSED CENTER GRINDING WHEELS

FOR BLENDING AND FINISHING ON NON-FERROUS ALLOYS AND STAINLESS STEEL

SMOOTH HANDLING...soft cushion-like action reduces any tendency towards vibration. NON-LOADING...cotton reinforced wheels do not load up when working on the softer metals or alloys. LONG LIFE...for long life on original job plus the fact that cotton reinforced wheels can be dressed down and utilized on other operations. Wide range of applications...one of the most versatile of all abrasive tools.

7/8" ARBOR HOLE	MAX. SPEED	12,000 RPM	24 GRIT
NO. 49-94-3400	4-1/2" x 1/4"		For Grinding Applications
NO. 49-94-3410	4-1/2" x 1/8"		

USE FLANGE NUT
NO. 49-05-0050
For 1/2"-13 Spindles
USE FLANGE NUT
NO. 49-05-0051
For 5/8"-11 Spindles

WIRE WHEELS



USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

**5/8"-11
THREAD**

**1/2"-13
THREAD**

NO. 48-52-5000
4" DIA. STAINLESS STEEL
STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5030
4" DIA. CARBON
FULL CABLE TWIST
KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5010
4" DIA. CARBON
STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5020
4" DIA. STAINLESS STEEL
FULL CABLE TWIST
KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-1225
4" DIA. STAINLESS STEEL
STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1250
4" DIA. CARBON
FULL CABLE TWIST
KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-2220
4" DIA. CARBON
STRINGER BEAD WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-2225
4" DIA. STAINLESS STEEL
FULL CABLE TWIST
KNOT WIRE WHEEL
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

WIRE CUP BRUSHES



USE GUARD
NO. 49-12-0320 for 4-1/2" Grinder
NO. 49-12-0330 for 5" Grinder

**5/8"-11
THREAD**

**1/2"-13
THREAD**

NO. 48-52-5040
2-3/4" DIA. CARBON
KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5050
2-3/4" DIA. STAINLESS STEEL
SINGLE ROW KNOT WIRE
CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 5/8"-11 THREAD

NO. 48-52-5060
3" DIA. CARBON
CRIMPED WIRE
1-1/4" TRIM LENGTH
CUP BRUSH
MAX. SPEED 12,000 RPM
.012 WIRE 5/8"-11 THREAD

NO. 48-52-1125
2-3/4" DIA. CARBON
KNOT WIRE CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1130
2-3/4" DIA. STAINLESS STEEL
SINGLE ROW KNOT WIRE
CUP BRUSH
MAX. SPEED 12,000 RPM
.020 WIRE 1/2"-13 THREAD

NO. 48-52-1135
3" DIA. CARBON
CRIMPED WIRE
1-1/4" TRIM LENGTH
CUP BRUSH
MAX. SPEED 12,000 RPM
.012 WIRE 1/2"-13 THREAD

BACKING PAD ASSEMBLIES

The MILWAUKEE Backing Pad Assembly is designed especially for use with 4-1/2" and 5" Sander/Grinders. The flexible backing pad is perfectly balanced for precise and efficient sanding and has a steel hub for easy installation.

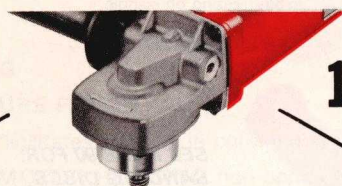
Maximum speed 13,000 RPM. Includes backing pad, disc nut, and one each of 36 and 60 grit sanding discs.

**5/8"-11
THREAD**

ASSEMBLY NO. 49-36-3455
For use with 4-1/2" Sander/Grinder

ASSEMBLY NO. 49-36-3465
For use with 5" Sander/Grinder

DISC NUT ONLY NO. 49-40-0371
As furnished with Backing Pad Assembly. For use with either 4-1/2" or 5" Sander/Grinders.



BACKING
PAD

**1/2"-13
THREAD**

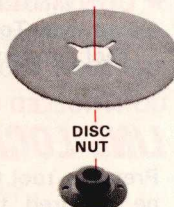
ASSEMBLY NO. 49-36-3450
For use with 4-1/2" Sander/Grinder

ASSEMBLY NO. 49-36-3460
For use with 5" Sander/Grinder

DISC NUT ONLY NO. 49-40-0370
As furnished with Backing Pad Assembly. For use with either 4-1/2" or 5" Sander/Grinders.

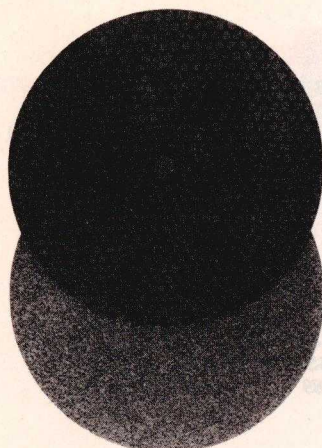


ABRASIVE
SANDING
DISC



DISC
NUT

ALUMINUM ZIRCONIA BI-CUT
SANDING DISC



CERAMIC
SANDING DISC

ABRASIVE SANDING DISCS

ALUMINUM ZIRCONIA BI-CUT SANDING DISCS

A high quality disc ideal for paint removal on cars, boats, fiberglass, etc. Unique grit pattern is arranged in clusters for faster stock removal and cleaning—runs cooler and clogs less than standard Aluminum Oxide discs.

5" DIA. * NO. 48-80-0650 24 GRIT
NO. 48-80-0660 36 GRIT

PACK OF 5

CERAMIC SANDING DISCS

MILWAUKEE's highest quality, premium grade Ceramic Discs last up to 3 times longer than Aluminum Oxide Discs. For general metal working. Ideal for tough applications. Greatly improved surface finish with reduced loading.

5" DIA. * NO. 48-80-0670 24 GRIT
NO. 48-80-0680 36 GRIT
NO. 48-80-0690 50 GRIT
NO. 48-80-0700 60 GRIT
NO. 48-80-0710 80 GRIT

PACK OF 5

* Can be used on 4-1/2" and 5" Sander/Grinders.

ALUMINUM OXIDE SANDING DISCS

Fast cutting general purpose discs for most metal working applications. Tough aluminum oxide grit, resin bonded to fiber backing.

4-1/2" DIA.			5" DIA.		
NO. 48-80-0500	BOX OF 10	24 GRIT	NO. 48-80-0600	BOX OF 10	24 GRIT
NO. 48-80-0510		36 GRIT	NO. 48-80-0610		36 GRIT
NO. 48-80-0520		60 GRIT	NO. 48-80-0620		60 GRIT
NO. 48-80-0530		80 GRIT	NO. 48-80-0630		80 GRIT
NO. 48-80-0540		120 GRIT	NO. 48-80-0640		120 GRIT

Milwaukee

HEAVY-DUTY ACCESSORIES

for:

4-1/2" SANDER/GRINDERS

5/8"-11 Spindle Thread Size
models 6140, 6142

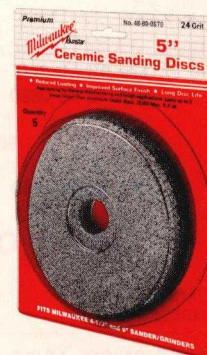
4-1/2" SANDER/GRINDER

1/2"-13 Spindle Thread Size
model 6145

5" SANDER/GRINDER

5/8"-11 Spindle Thread Size
model 6141

NOTE: The maximum safe operating speed shown on the grinding wheels, and any accessory used, must be greater than the no load speed of the tool.





HEAVY-DUTY 15 AMP SANDER/GRINDERS*

■ MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 88 AND 89 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.

- HEAVY-DUTY ALUMINUM GEAR CASE AND MOTOR HOUSING
- SPIRAL BEVEL GEARING For Smoother operation and longer tool life.
- SPINDLE BEARING—double sealed to prevent dust contamination in heaviest use.
- REMOVABLE VENT COVER PERMITS INSPECTION OF BRUSHES AND COMMUTATOR
- SELF-STOPPING LONG LIFE BRUSHES—Stops tool when brushes are worn—prevents damage to commutator. Brushes are externally accessible for quick replacement without disassembly of sander.
- REMOVABLE ARMATURE PINION
- HI-VOLUME AIR FLOW FAN—for cooler running motor.
- BALL BEARING MOUNTED ARMATURE dynamically balanced and vibration free.
- ALL BALL AND ROLLER BEARINGS
- LARGE FLANGE REVERSIBLE SIDE HANDLE Right or left handed operation.
- RECESSED SPINDLE LOCK BUTTON—Easily replaceable.
- HEAVY-DUTY IMPACT RESISTANT URETHANE TOOL REST
- RUBBER SPINDLE WASHER for easy wheel removal—prevents wheels from freezing on spindle.

6065

7"/9" DIA.
15 AMP
5000 RPM

**SANDERS
ON/OFF AC/DC SWITCH MODELS**

6066

7"/9" DIA.
15 AMP
6000 RPM

**POWERFUL
3.5 HP**

SEE PAGE 90 FOR:
SANDING DISCS
BACKING PAD ASSEMBLIES
SANDING DISC TRIMMER

6095

7"/9" DIA.
15 AMP
5000 RPM

**SANDERS
CONTROLLED START MODELS***

* **CONTROLLED START** ...Drastically reduces Torque Reaction when starting tool...extends gear, brush and motor life.

6096

7"/9" DIA.
15 AMP
6000 RPM

**POWERFUL
3.5 HP**

**CONTROLLED START MODELS HAVE
LINE LOCK-OUT FEATURE**

Prevents tool from operating should voltage be restored to an interrupted line when switch is locked in the on position.

6098

7" DIA.
15 AMP
8000 RPM

**GRINDER
CONTROLLED START MODEL***

**8000 RPM
FOR SUPER FAST GRINDING**

6098 GRINDER IS NOT
RECOMMENDED FOR SANDING

STEEL CARRYING CASE
For All Models
NO. 48-55-0890

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140

**POWERFUL
3.5 HP**

**GRINDING WHEEL
NOT INCLUDED...SELECT
GRINDING ACCESSORIES
FROM PAGES 88, 89**

SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6065 ON/OFF AC/DC Switch	5000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6066 ON/OFF AC/DC Switch	6000	7"/9"	120	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6095 With Controlled Start	5000	7"/9"	120 *	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6096 With Controlled Start	6000	7"/9"	120 *	15.0	3.5	5/8"-11	17-1/2"	12 lbs.	16-3/4 lbs.
6098 With Controlled Start	8000	7"	120 *	15.0	3.5	5/8"-11	17-1/2"	12-3/4 lbs.	17-1/2 lbs.

* For DC Voltage, tool operates without controlled start feature.

STANDARD EQUIPMENT: For 6065, 6066, 6095, 6096. Side Handle, Flange and Rubber Washer only. Order all other accessories separately.
For 6098. Side Handle, Flange, Rubber Washer, Wheel Guard and mounting hardware.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY 13 AMP SANDERS™

POWERFUL

SMOOTH RUNNING

ALL BALL BEARINGS

■ MILWAUKEE SANDERS MAY BE CONVERTED TO GRINDERS BY USING THE PROPER WHEEL GUARD FOR GRINDING OPERATIONS. SEE PAGES 88 AND 89 FOR ASSEMBLIES, WHEEL GUARDS AND ACCESSORIES.

LIGHTWEIGHT—ONLY 9-1/4 LBS.

- SPIRAL BEVEL GEARING
- REPLACEABLE ARMATURE PINION
- LOW PROFILE DESIGN facilitates sanding in confined areas.
- GLASS FILLED NYLON MOTOR HOUSING non-conductive
Lighter, cooler, more comfortable
- REVERSIBLE SIDE HANDLE
- HEAVY-DUTY SWITCH ● RECESSED SPINDLE LOCK BUTTON
- BALL BEARING MOUNTED ARMATURE is dynamically balanced and vibration free.
- SELF-STOPPING LONG LIFE BRUSH SYSTEM stops tool when brushes are worn—prevents damage to commutator. External brush holders permit inspection and replacement of brushes without disassembly of sanders.
- SMOOTH RUNNING all ball bearings.
Bearings and seals matched to armature speed.
- HEAVY-DUTY URETHANE TOOL REST for Model 6072 only.



6072

7"/9" DIA.
13 AMP
5000 RPM



6075

7" DIA.
13 AMP
6000 RPM

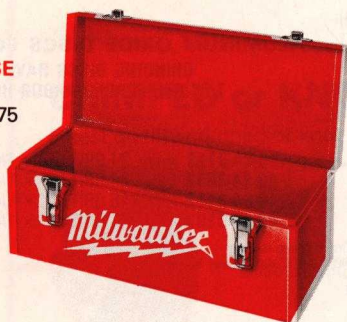
FAST SANDING MODEL NO. 6075

● 6000 RPM ● DOUBLE INSULATED

BUILT-IN TOOL REST for even LOWER PROFILE DESIGN facilitates sanding in confined areas.

STEEL CARRYING CASE
NO. 48-55-0890
For Models 6072 and 6075

TYPE "G" GREASE
1 lb. can
NO. 49-08-4140



SPECIFICATIONS

CATALOG NUMBER	SPEED RPM	DISC DIAMETER	VOLTS AC-DC	AMPS	MAXIMUM MOTOR POWER OUTPUT H.P.	SPINDLE THREAD SIZE	LENGTH LESS DISC	NET WEIGHT	SHIPPING WEIGHT
6072	5000	7"/9"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.
6075	6000	7"	120	13.0	2.25	5/8"-11	17"	9-1/4 lbs.	12 lbs.

STANDARD EQUIPMENT: Side Handle, Flange and Rubber Washer only. Order all other accessories separately.

SEE PAGE 90 for: Sanding Discs, Backing Pad Assemblies, Sanding Disc Trimmer



HEAVY-DUTY GRINDER ACCESSORIES

• CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED

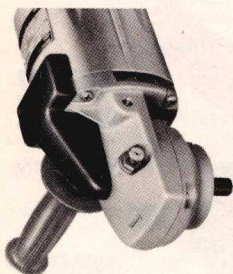
• WEAR SAFETY GOGGLES. • SAFETY GUARDS REQUIRED.

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE GRINDING WHEELS MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLAT REINFORCED GRINDING DISCS

Strong and tough. Nylon reinforced to resist breakage from twisting, starting torque or lateral pressure.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.



GUARD



**GUARD FOR
FLAT REINFORCED
GRINDING DISC**
49-12-0350 Fits 7" Wheels
49-12-0340 Fits 9" Wheels

CATALOG
NUMBER

MAX. SAFE
SPEED RPM

ALUMINUM OXIDE DISCS FOR METAL

49-93-3110	24 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-93-3230	24 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500
49-93-3170	46 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-93-3290	46 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

49-93-3130	16 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-93-3250	16 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500

CATALOG NUMBER
(10 WHEELS PER BOX)

(BOX OF 10)

MAX. SAFE
SPEED RPM

ALUMINUM OXIDE DISCS FOR METAL

49-94-3111	24 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-94-3231	24 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500
49-94-3171	46 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-94-3291	46 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500

SILICON CARBIDE DISCS FOR STONE OR CONCRETE

49-94-3131	16 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	8500
49-94-3251	16 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500

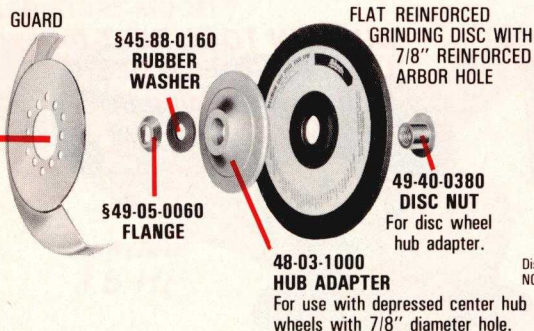
ECONOMICAL DEPRESSED CENTER GRINDING DISCS

WITH 7/8" REINFORCED ARBOR HOLE... SOLD ONLY IN **BOXES OF 10**

The same high quality grinding disc as the flat reinforced disc above, but with 7/8" reinforced arbor hole. Use with guard, hub adaptor, and disc nut. Less expensive than disc with permanent mounted hub.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

**GUARD FOR
FLAT REINFORCED
GRINDING DISC**
49-12-0350 Fits 7" Wheels
49-12-0340 Fits 9" Wheels



ALUMINUM OXIDE DISCS FOR METAL GRINDING DISCS HAVE 7/8" REINFORCED ARBOR HOLE

CATALOG NUMBER
(10 WHEELS PER BOX)

MAX. SAFE
SPEED RPM

49-94-3112	24 GRIT	7" x 1/4"	8500
49-94-3232	24 GRIT	9" x 1/4"	6500
49-94-3172	46 GRIT	7" x 1/4"	8500
49-94-3292	46 GRIT	9" x 1/4"	6500

Disc Nut also requires
NO. 49-96-7200 Spanner Wrench.

CURVED REINFORCED GRINDING DISCS

Nylon reinforced curved grinding discs for grinding welds. Contour shape permits easier accessibility to work surfaces.

§ MILWAUKEE recommends Grinding Discs be used with rubber washer No. 45-88-0160 and flange No. 49-05-0060.

**GUARD FOR
CURVED REINFORCED
GRINDING DISC**
49-12-0100 Fits 7" Grinder
49-12-0110 Fits 9" Grinder



CATALOG
NUMBER

MAX. SAFE
SPEED RPM

49-93-3120	24 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	7750
49-93-3240	24 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500
49-93-3180	46 GRIT	7" x 1/4"	5/8"-11 Thd. Hub	7750
49-93-3300	46 GRIT	9" x 1/4"	5/8"-11 Thd. Hub	6500



HEAVY-DUTY GRINDER ACCESSORIES

• CAUTION: ALWAYS USE COMBINATIONS OF SAFETY ATTACHMENTS AS ILLUSTRATED.

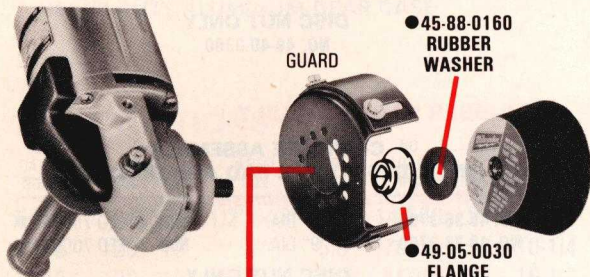
• WEAR SAFETY GOGGLES. • SAFETY GUARDS REQUIRED.

NOTE: THE MAXIMUM SAFE OPERATING SPEED SHOWN ON THE WIRE BRUSHES MUST BE GREATER THAN THE NO LOAD SPEED OF THE TOOL.

FLARED CUP GRINDING WHEELS•

Aluminum oxide for all general purpose metal grinding. Resinoid bonded. These wheels are fitted with 5/8"-11 threaded bushing molded integrally for ready mounting.

• For use on 13 and 15 amp Sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.



CATALOG NUMBER		MAX. SAFE SPEED RPM
49-93-5140	16 GRIT 4" DIA. FOR 7" GRINDERS 5/8"-11 Thd.	9000
49-93-5220	16 GRIT 5" DIA. FOR 9" GRINDERS 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR FLARED CUP GRINDING WHEELS

49-12-0062 *	For 4" Cup Wheel	FLANGE INCLUDED
49-12-0072 *	For 5" Cup Wheel	
* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.		

ARMOR CUP GRINDING WHEELS•

Resinoid bonded. Special fine grit outer rim wears slowly... prevents rounded edges for high performance without distortion. Eliminates waste by maintaining a flat grinding surface even under the toughest conditions... provides longer usable cup life. 5/8"-11 threaded bushing integrally molded for easy mounting.

• For use on 13 and 15 amp sanders. Skirt guard as well as flange, No. 49-05-0030 and rubber washer, No. 45-88-0160 must be used for proper installation of this accessory.



CATALOG NUMBER		MAX. SAFE SPEED RPM
49-93-5250	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5270	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

SILICON CARBIDE ARMOR-CUP FOR STONE OR CONCRETE

49-93-5260	16/24 GRIT 4" DIA. FOR 7" GRIND. 5/8"-11 Thd.	9000
49-93-5280	16/24 GRIT 5" DIA. FOR 9" GRIND. 5/8"-11 Thd.	7200

ADJUSTABLE SKIRT GUARD FOR ARMOR-CUP GRINDING WHEELS

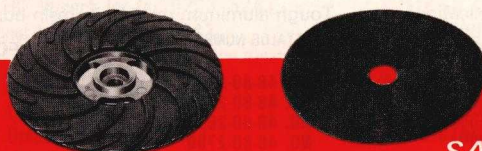
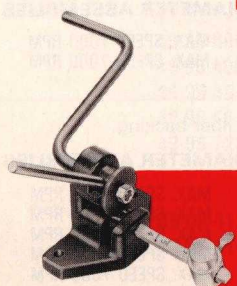
49-12-0062 *	For 4" Cup Wheel	FLANGE INCLUDED
49-12-0072 *	For 5" Cup Wheel	
* Previous models 6022, 6062, 6082, 6084, 6086, 6088, 6089, 6090, 6102 and 6104. Use 4" guard, No. 49-12-0061 or 5" guard, No. 49-12-0071.		

CRIMPED or KNOT WIRE CUP BRUSHES

Finest quality crimped or knot wire brushes to give long service life on the toughest cleaning jobs. Ideally suited for cleaning castings, structural steel, sheet metal, stone and concrete.



CATALOG NUMBER		MAX. SAFE SPEED RPM
4" DIAMETER FOR 7" GRINDERS		
48-52-1300	.014 Crimped Wire 5/8"-11 Thread	7000
48-52-1350	.020 Knot Wire 5/8"-11 Thread	7000
6" DIAMETER FOR 9" GRINDERS		
48-52-1600	.014 Crimped Wire 5/8"-11 Thread	6000
48-52-1650	.020 Knot Wire 5/8"-11 Thread	6000



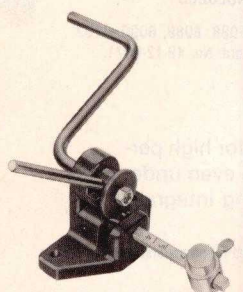
SEE PAGE 90 FOR SANDING DISC, BACKING PAD ASSEMBLIES SANDING DISC TRIMMER



HEAVY-DUTY SANDER ACCESSORIES

BACKING PAD ASSEMBLIES

Light, perfectly balanced assemblies provide flexibility for curves and contours. Abrasive discs can be trimmed down to the next smaller diameter to be used with smaller backing discs, affording greater economy.



ABRASIVE SANDING DISC TRIMMER
NO. 49-80-1000

INCREASE THE LIFE OF USED SANDING DISCS BY TRIMMING

REPLACEMENT CUTTER BLADES

UPPER BLADE
NO. 49-80-1050
LOWER BLADE
NO. 49-80-1150

SPIRAL DESIGN BACKING PAD

AIR COOLED... IDEAL FOR ALL SANDING OPERATIONS ON METAL, PLASTIC, FIBERGLASS, ETC.



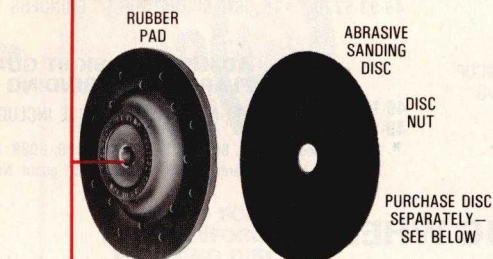
SPIRAL DESIGN PAD ASSEMBLY

COMPLETE ASSEMBLY
INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3800	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3850	9" DIA.	MAX. SPEED 6000 RPM

DISC NUT ONLY
NO. 49-40-0360



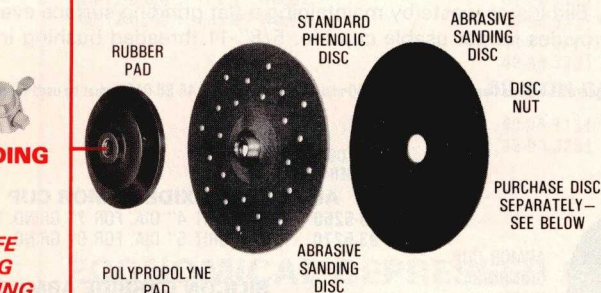
RUBBER PAD ASSEMBLY

COMPLETE ASSEMBLY
INCLUDES RUBBER PAD AND DISC NUT

Does Not Include Abrasive Sanding Disc

NO. 49-36-3700	7" DIA.	MAX. SPEED 7500 RPM
NO. 49-36-3750	9" DIA.	MAX. SPEED 7000 RPM

DISC NUT ONLY
NO. 49-40-0360



STANDARD PHENOLIC DISC ASSEMBLIES

COMPLETE ASSEMBLY
INCLUDES RUBBER PAD, DISC AND DISC NUT

Does Not Include Abrasive Sanding Disc

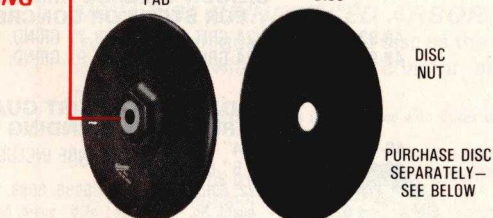
NO. 49-36-6000	7" DIA.	MAX. SPEED 10,000 RPM
NO. 49-36-6050	9" DIA.	MAX. SPEED 10,000 RPM

PHENOLIC DISC ONLY

Must Be Used With Rubber Pad No. 49-36-3500

NO. 48-80-6000	7" DIA.	MAX. SPEED 7000 RPM
NO. 48-80-6050	9" DIA.	MAX. SPEED 7000 RPM

RUBBER PAD ONLY	DISC NUT ONLY
NO. 49-36-3500	MAX. SPEED 10,000 RPM
	NO. 49-40-0350



POLYPROPOLYNE PAD Includes Disc Nut

Does Not Include Abrasive Sanding Disc

NO. 49-36-3900	7" DIA.	MAX. SPEED 8000 RPM
NO. 49-36-3950	9" DIA.	MAX. SPEED 7500 RPM

DISC NUT ONLY
NO. 49-40-0360

ABRASIVE SANDING DISCS

Ceramic Sanding Discs

MILWAUKEE's highest quality, premium grade Ceramic Discs last up to 3 times longer than Aluminum Oxide Discs. For general metal working.

CATALOG NUMBER
(5 PER PACK)

NO. 48-80-2320
NO. 48-80-2330
NO. 48-80-2340
NO. 48-80-2350
NO. 48-80-2360

**DISPLAY
PACK OF 5**

FOR 7" DIAMETER ASSEMBLIES

24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM
50 GRIT	MAX. SPEED 7000 RPM
60 GRIT	MAX. SPEED 7000 RPM
80 GRIT	MAX. SPEED 7000 RPM

Ideal for tough applications. Greatly improved surface finish with reduced loading.

CATALOG NUMBER
(5 PER PACK)

NO. 48-80-2820
NO. 48-80-2830
NO. 48-80-2840
NO. 48-80-2850
NO. 48-80-2860

**DISPLAY
PACK OF 5**

FOR 9" DIAMETER ASSEMBLIES

24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM
50 GRIT	MAX. SPEED 7000 RPM
60 GRIT	MAX. SPEED 7000 RPM
80 GRIT	MAX. SPEED 7000 RPM

Aluminum Zirconia Bi-Cut Sanding Discs

A high quality disc ideal for paint removal on cars, boats, fiberglass, etc. Unique grit pattern is arranged in clusters for faster stock removal and

CATALOG NUMBER
(5 PER PACK)

NO. 48-80-2300
NO. 48-80-2310

**DISPLAY
PACK OF 5**

FOR 7" DIAMETER ASSEMBLIES

24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM

cleaning—runs cooler and clogs less than standard Aluminum Oxide discs.

CATALOG NUMBER
(5 PER PACK)

NO. 48-80-2800
NO. 48-80-2810

**DISPLAY
PACK OF 5**

FOR 9" DIAMETER ASSEMBLIES

24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM

Aluminum Oxide Sanding Discs

Fast cutting general purpose discs for most metal working applications.

CATALOG NUMBER
(10 PER BOX)

NO. 48-80-2000
NO. 48-80-2050
NO. 48-80-2100
NO. 48-80-2200
NO. 48-80-2250

BOX OF 10

FOR 7" DIAMETER ASSEMBLIES

16 GRIT	MAX. SPEED 7000 RPM
24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM
60 GRIT	MAX. SPEED 7000 RPM
80 GRIT	MAX. SPEED 7000 RPM

Tough aluminum oxide grit, resin bonded to fiber backing.

CATALOG NUMBER
(10 PER BOX)

NO. 48-80-2500
NO. 48-80-2550
NO. 48-80-2600
NO. 48-80-2700
NO. 48-80-2750

BOX OF 10

FOR 9" DIAMETER ASSEMBLIES

16 GRIT	MAX. SPEED 7000 RPM
24 GRIT	MAX. SPEED 7000 RPM
36 GRIT	MAX. SPEED 7000 RPM
60 GRIT	MAX. SPEED 7000 RPM
80 GRIT	MAX. SPEED 7000 RPM



HEAVY-DUTY STRAIGHT GRINDERS

FEATURES

- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- STRONG, LIGHTWEIGHT, NON-CONDUCTIVE GLASS FILLED NYLON HANDLE
- HIGH IMPACT RESISTANT URETHANE TOOL REST
- COATED SPINDLE HOUSING FOR COOL GRIPPING SURFACE
- HARDENED HELICAL-CUT ALLOY STEEL GEARS AND SHAFT
- SELF-STOPPING, LONG LIFE BRUSH SYSTEM
- BALL BEARING MOUNTED ARMATURE
- HEAVY-DUTY ALUMINUM GEAR CASE

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	WHEEL SIZE	HOLE DIA.	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.
5211	120	11	1/2" x 3"	3/8"	14,500	21	7-3/4	8-3/4
5223	120	12	5"	5/8"	7000	20	10-1/4	16
5243	120	15	6"	5/8"	5500	22	16-1/2	22

STANDARD EQUIPMENT

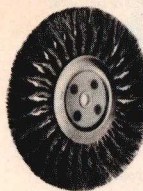
FOR NO. 5211—Includes one 36 grit grinding wheel, wheel guard with hinged face plate and two wrenches.

FOR NO. 5223—Includes one 24 grit grinding wheel, wheel guard and two wrenches.

FOR NO. 5243—Includes 24 grit grinding wheel and adjustable steel wheel guard with hinged face plate and two wrenches.

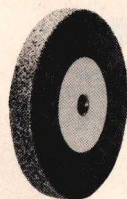
NOTE: The maximum safe operating speed shown on grinding wheels and tuck point abrasive wheels must be greater than the no load speed of the tool.

ACCESSORIES



KNOT WIRE BRUSHES

CATALOG NUMBER	DIA. INS.	HOLE DIAMETER	WIRE SIZE	MAX. WHEEL SPEED
48-52-2310	5	5/8"	.014	8000
48-52-2510	6	1/2"-5/8"	.014	8000



ALUMINUM OXIDE RESINOID BOND GRINDING WHEELS

CATALOG NUMBER	GRIT	SIZE INS.	HOLE DIA.	MAX. WHEEL SPEED (RPM)
49-92-2240	24	5 x 1	5/8"	7,200
49-92-3260	24	6 x 1	5/8"	6,000
49-92-0500	36	3 x 1/2	3/8"	18,000
49-92-0510	60	3 x 1/2	3/8"	18,000
49-92-0200 *	60	2-1/2 x 1/2	3/8"	21,000
49-92-0250 *	36	2-1/2 x 1/2	3/8"	21,000

* For previous Model 5210.

NEW



CLOTH BUFFING WHEELS

1/4" Width 4 per package

CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0071	5	5/8"
49-93-0091	6	5/8"

WRENCHES

- 49-96-6600 Spanner Wrench for No. 5223.
- 49-96-4050 9/16" Wrench for No. 5210, 5211.
- 49-96-4075 1" Wrench for No. 5210, 5211.
- 49-96-4072 1-1/16" Wrench for No. 5223, 5243.
- 49-96-7230 Spanner Wrench for No. 5243.

GREASE — ONE POUND CANS

- 49-08-4110 "D" Grease, for 5210, 5211.
- 49-08-4140 "G" Grease, for 5223, 5243.



5211
3" DIA.
11 AMP
14,500 RPM



5223
5" DIA.
12 AMP
7000 RPM



5243
6" DIA.
15 AMP
5500 RPM

TUCK POINT ABRASIVE WHEELS

Maximum Wheel Speeds 7200 RPM

- 49-92-5020 8" x 1/8" x 5/8" hole
- 49-92-5040 8" x 3/16" x 5/8" hole
- 49-92-5060 8" x 1/4" x 5/8" hole

TUCK POINT GUARD 8" Guard 49-12-0310

TUCK POINT GRINDER ACCESSORY KITS

- 49-22-6050 Includes wheel guard, spacer unit and 8" x 1/8" x 5/8" hole abrasive wheel. Converts previous models 5220 and 5240 into Tuck Point Grinders.
- 49-22-6055 Includes wheel guard, spacer unit and 8" x 1/8" x 5/8" hole abrasive wheel. Converts 5243 into Tuck Point Grinder.

WHEEL GUARD ASSEMBLIES

- 49-12-0280 3" For Grinder Number 5211
- 49-12-0290 5" For Grinder Number 5223
- 49-12-0160 6" For Grinder Number 5243
- 49-12-0140 5" Previous Model Grinder Number 5220
- 49-12-0150 6" Previous Model Grinder Number 5240



HEAVY-DUTY DIE GRINDERS

POWERFUL

SMOOTH RUNNING

ALL BALL AND ROLLER BEARINGS

2" DIAMETER 4.5 AMP

2" DIAMETER 11 AMP

5192 21,000 RPM

5196 14,500 RPM

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE
GLASS FILLED NYLON MOTOR HOUSING

STRONG, LIGHTWEIGHT, NON-CONDUCTIVE
GLASS FILLED NYLON MOTOR HOUSING
AND HANDLE

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 1-5/8" REINFORCED WHEELS UP TO 2"
- ARMATURE IS DYNAMICALLY BALANCED FOR SMOOTH EFFICIENT OPERATION
- ALL BALL AND ROLLER BEARINGS
- DOUBLE INSULATED
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- HIGH EFFICIENCY FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- ON/OFF TOGGLE SWITCH IS DESIGNED FOR ONE HAND OPERATION

- HEAVY-DUTY ALUMINUM GEAR CASE
- FOR MOUNTED WHEELS AND POINTS UP TO 2" REINFORCED WHEELS UP TO 2"
- HIGH IMPACT RESISTANT TOOL REST
- REMOVABLE ARMATURE PINION
- HEAVY-DUTY MILWAUKEE-BUILT MOTORS
- BALL BEARING MOUNTED ARMATURE
- HIGH EFFICIENCY FAN
- SELF-STOPPING LONG LIFE BRUSH SYSTEM
- HELICAL-CUT ALLOY STEEL GEARS AND SHAFT

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5192	120	4.5	1/8†-1/4‡	2"	1-5/8"
	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.	
	21,000	13-1/2	4-1/2	4-3/4	

† Available as accessory only
‡ Standard equipment

SPECIFICATIONS

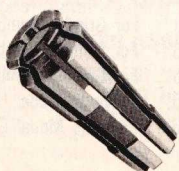
CATALOG NUMBER	VOLTS AC-DC	AMPS	COLLET DIAMETER	REINFORCED ORGANIC	MAX. GRINDING WHEEL DIA. ■ NON-REINFORCED
5196	120	11	1/8†-1/4‡	2"	2"
	NO LOAD RPM	LENGTH	NET WGT. LBS.	SHP. WGT. LBS.	
	14,500	21-1/2	7-3/4	8-3/4	

† Available as accessory only
‡ Standard equipment

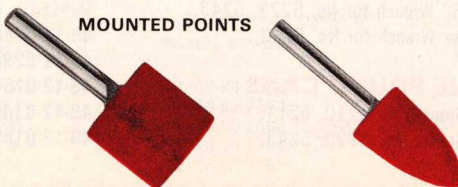
■ **SAFETY NOTE:** This Grinder is not supplied with grinding wheel. Before using any grinding wheel be sure speed shown for that wheel is greater than the no load speed of the tool. Tables of maximum operating speeds for mounted wheels are included in the instructions packed with each new grinder. **CAUTION:** NEVER OPERATE TOOL WITHOUT GRINDING WHEEL OR DOWEL PROPERLY SECURED IN ITS COLLET.

SEE FOLLOWING PAGE 93 FOR COLLETS, MOUNTED POINTS, ACCESSORIES

COLLET



MOUNTED POINTS





HEAVY-DUTY DIE GRINDER ACCESSORIES

ACCESSORIES

FOR DIE GRINDER MODEL 5192

- NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR DIE GRINDER NO. 5196

- NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Open End Wrench
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0965 1/8" Collet
NO. 48-68-0030 Collet Nut—Replacement
NO. 48-68-0040 Collet Body—Replacement
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

FOR PREVIOUS MODEL 5195

With Serial Numbers below 525-10500

- NO. 48-66-0970 * 1/4" Collet
NO. 49-96-4040 * 1/2" Open End Wrench
NO. 49-96-4065 * 5/8" Open End Wrench
NO. 49-96-4075 * 1" Open End Wrench
NO. 48-66-0960 1/8" Collet
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

With Serial Numbers above 525-10500

- NO. 48-66-0965 1/8" Collet
NO. 48-66-0975 * 1/4" Collet
NO. 49-96-4090 * 11/16" Wrench
NO. 49-08-4110 Type "D" Grease, 1 lb. can
* Included as Standard Equipment.

COLLET ASSEMBLY

NO. 48-66-2090

To convert model 5195 with serial nos. below 525-10500 to new collet system. Includes collet body (48-68-0040) and nut (48-68-0030) order collet separately.

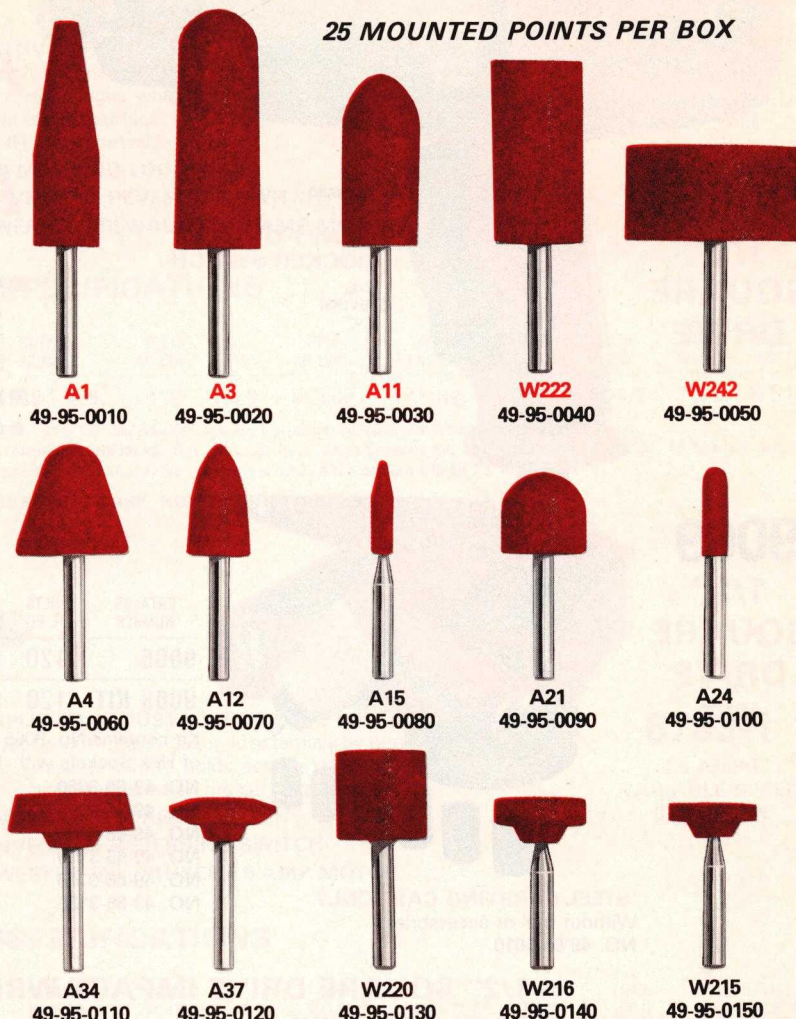
DIE GRINDING POINTS

"GENERAL PURPOSE"

1/4" x 1-1/2" MANDRELS

For finish Grinding, De-Burring, Chamfering and Sharpening

25 MOUNTED POINTS PER BOX

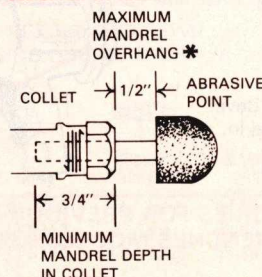


25 MOUNTED POINTS PER BOX

When using MILWAUKEE Die Grinder No. 5196, Mounted Point maximum speed (RPM) must be greater than 15,950 RPM.

When using MILWAUKEE Die Grinder No. 5192, Mounted Point maximum speed (RPM) must be greater than 23,100 RPM.

SEE CHART AT RIGHT.



SHAPE	CATALOG NUMBER	DIAMETER	THICKNESS	MAXIMUM SPEED (RPM) OVERHANG * 1/2"
A1	49-95-0010	3/4"	2-1/2"	19,800
A3	49-95-0020	1"	2-3/4"	16,100
A11	49-95-0030	7/8"	2"	19,860
W222	49-95-0040	1"	2"	15,950
W242	49-95-0050	2"	1"	19,100
A4	49-95-0060	1-1/4"	1-1/4"	30,560
A12	49-95-0070	11/16"	1-1/4"	48,000
A15	49-95-0080	1/4"	1-1/8"	72,750
A21	49-95-0090	1"	1"	34,500
A24	49-95-0100	1/4"	3/4"	76,500
A34	49-95-0110	1-1/2"	3/8"	25,470
A37	49-95-0120	1-1/4"	1/4"	30,560
W220	49-95-0130	1"	1"	25,500
W216	49-95-0140	1"	1/4"	38,200
W215	49-95-0150	1"	1/8"	38,200

* OVERHANG—the distance, on the mandrel, between the bottom of the abrasive and the top of the collet.



DIE GRINDING POINTS MERCHANDISERS

WELL ORGANIZED, ATTRACTIVE VISUAL DISPLAYS FOR FAST CUSTOMER SELECTION...INVENTORY CONTROL

23 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN RED IN CHART AT RIGHT AND 3 ONLY OF W242.

50 PIECE SET CONSISTS OF: 5 EACH OF POINTS SHOWN IN BLACK IN CHART AT RIGHT.



HEAVY-DUTY IMPACT WRENCH

1/2" SQUARE DRIVE WITH BALL DETENT

FAST 2800 IMPACTS PER MIN.
200 FT.-LBS. TORQUE

for heavy-duty industrial applications.

POWERFUL 6.8 AMP
MILWAUKEE motor

BALANCED COMPACT
LIGHTWEIGHT

- GLASS REINFORCED NYLON HANDLE AND MOTOR HOUSING strong, lightweight, non-conductive. Textured nylon handle helps keep grip cool.
- HEAVY-DUTY ALUMINUM GEAR CASE
- EASY ACCESS TO BRUSHES

9065
1/2"
SQUARE
DRIVE



9069
1/2"
SQUARE
DRIVE
KIT



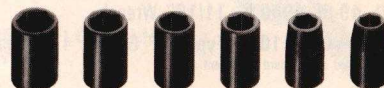
STEEL CARRYING CASE ONLY
Without tool or accessories.
NO. 48-55-5010

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC-DC	AMPS	IMPACTS PER MIN.	NO LOAD RPM	TORQUE FT.-LBS.	LENGTH (INS.)	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
9065	120	6.8	2800	2400	200	9-15/16	6	7
9069 KIT	120	6.8	2800	2400	200	9-15/16	13	13-3/4

Kit contains No. 9065 Impact Wrench, Steel Carrying Case and the following sizes of Hex Sockets with 1/2" square drive.

NO. 49-66-3080	1/2"
NO. 49-66-3090	9/16"
NO. 49-66-3100	5/8"
NO. 49-66-3110	11/16"
NO. 49-66-3120	3/4"
NO. 49-66-3130	13/16"



SOCKETS ALSO SOLD SEPARATELY

1/2" SQUARE DRIVE IMPACT WRENCH ACCESSORIES



QUICK CHANGE CHUCK NO. 48-66-0060
Used with 7/16" Socket Driver and Magnetic Sockets.

7/16" SOCKET DRIVER AND MAGNETIC SOCKETS
For hex head screws and TEKS®

NO. 48-32-2510	SOCKET DRIVER
NO. 49-66-3170	5/16" SOCKET
NO. 49-66-3180	3/8" SOCKET
NO. 49-66-3190	7/16" SOCKET

TEKS® registered trademark of Illinois Tool Works, Inc.

POSITIVE DETENT KIT
NO. 49-17-0400

Replaces standard round detent pin on square drive. Socket will not slip off unless detent pin is pressed in.

TYPE "A" GREASE NO. 49-08-0800 1 lb. can



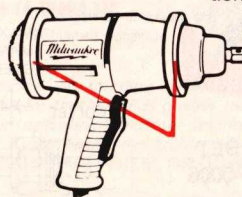
UNIVERSAL JOINT NO. 48-03-0500
Fits 1/2" Square Drive and used with Hex Sockets to reach difficult places at various angles...also allows clearance around obstructions.



TOOL HANGER NO. 49-17-0230
For Impact Wrench model 9065.



EXTENSION BAR NO. 48-95-5000
Adapts to 1/2" Square Drive. Provides 5" additional length where required for use with sockets.



PROTECTIVE RUBBER RINGS
BUMPER KIT NO. 48-50-1000
Protective Rubber Rings for Impact Wrench No. 9065.

ACCESSORIES FOR PREVIOUS MILWAUKEE 1/2" IMPACT WRENCHES MODELS 9052, 9057, 9051 and 9056



KEYLESS CHUCK NO. 48-66-0010
Adapts to 1/2" Square Drive with capacity for accessories with 1/8" to 1/2" diameter shanks.



COLLET CHUCK NO. 48-66-0050
For round shank tools, drill and reamers, 3/16" to 3/8" diameter...also taps and E-Z outs No. 10 to 1/2". Two wrenches are included.



TOOL HANGER NO. 49-17-0220
For Impact Wrench models 9051 and 9056.

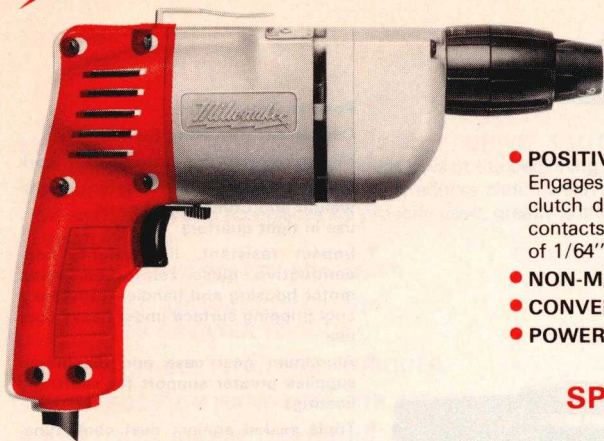
OPEN END WRENCH NO. 49-96-4680
Included and used with Collet Chuck No. 48-66-0050.



HEAVY-DUTY SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS® FASTENERS

TEKS® registered trademark of Illinois Tool Works, Inc.



ALL BALL
AND ROLLER
BEARINGS

6798-1

4.5 AMPS
VARIABLE SPEED
0-2500 RPM

- **POSITIVE DRIVE CLUTCH**
Engages when pressure is applied. Driving action stops and clutch disengages when pressure is released or when locator contacts work surface. Depth control is adjustable in increments of 1/64" from outside of tool.
- **NON-MARRING LOCATORS**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

SPECIFICATIONS

CAPACITY:

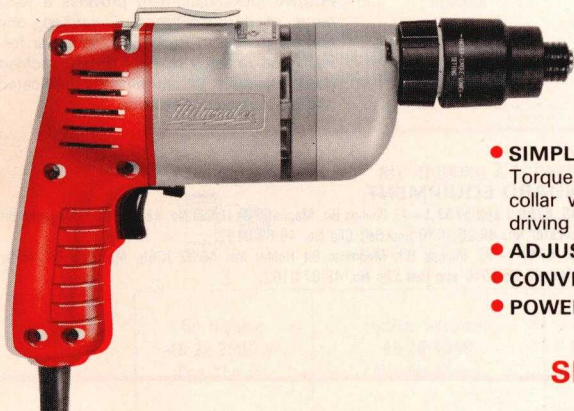
1/4" SCREW IN 1/4" COLD ROLLED STEEL OR
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6798-1 REV.	120	4.5	0-2500	1/4" Hex	3/4"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension No. 49-66-3016, 1/4" Locator No. 49-26-0250, 5/16" Locator No. 49-26-0312, 3/8" Locator No. 49-26-0375 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE PAGE 97



- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
Torque output is easily changed externally by turning adjustment collar which positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.
- **ADJUSTABLE TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

6783-1

NEW

4.5 AMPS
VARIABLE SPEED
0-2500 RPM

SPECIFICATIONS

CAPACITY:

1/4" SELF-DRILLING SCREW IN 1/4" COLD
ROLLED STEEL, NO. 12 SELF-DRILLING SCREW
IN 1/2" COLD ROLLED STEEL, NO. 12 WOOD
SCREW, 1/4" THREAD CUTTING SCREW, 5/16"
SHEET METAL SCREW AND 1/4" MACHINE
SCREW.

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6783-1 REV.	120	4.5	0-2500	1/4" Hex	3/4"	11-1/2	4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 5/16" Hex Socket Extension No. 49-66-3016 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE PAGE 97

Bit Guides for Model 6783-1 Screw-Shooter with Serial No. 471-52400 and below.

HEX HEAD SCREWS
USING ONE PIECE EXTENSION



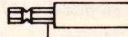
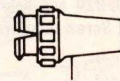
HEX SIZE	BIT GUIDE	MAGNETIC EXTENSION	NON-MAG. EXTENSION
1/4"	48-32-0250	49-66-3006	
5/16"	48-32-0312	49-66-3016	49-66-3015
3/8"	48-32-0375	49-66-3026	

HEX HEAD SCREWS
USING SOCKET & DRIVER



HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC SOCKET
1/4"	48-32-0250	1/4" Sq. x	49-66-3000
5/16"	48-32-0312	2" Long	49-66-3010
3/8"	48-32-0375	48-32-2050	49-66-3020

PHILLIPS, POZIDRIV®, FREARSON
AND ROBERTSON



TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 101.
Non-Magnetic	48-32-0250	48-32-3050	

NOTE: For Slotted Screws and Hex Nuts, use accessories as shown for Model 6583-1.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY DRYWALL SCREW-SHOOTERS

6750-1

4.5 AMPS
GROUNDED
VARIABLE SPEED
0-4000 RPM

6753-1

3.5 AMPS
DOUBLE INSULATED
VARIABLE SPEED
0-4000 RPM

6747-1

4.5 AMPS
GROUNDED
VARIABLE SPEED
0-2500 RPM



FEATURES

- Positive Drive Clutch
- Convenient Reversing Switch
- Minimum offset for close quarter work
- Engineered for balanced design...Lightweight and Compact for easy use in tight quarters
- Impact resistant, lightweight, non-conductive glass reinforced nylon motor housing and handle—provides a cool gripping surface under heavy duty use
- Aluminum gear case and diaphragm supplies greater support for shaft and bearings
- Triple sealed against dust contamination in gear case
- 8' rubber jacket cord with separate strain relief for longer cord life
- Reversing Trigger Speed Control Switch
- Self-stopping brush carbons prevent damage to commutator. Easily accessible external brush cap for quick brush inspection
- Simple positive depth adjustment
Positive lock adjustment provides a wide range of depth settings. Simplified, one hand adjustment. Push Locking Collar forward and rotate it to right or left. Molded nose assembly is permanently lubricated and will not rust or corrode.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6750-1	120	4.5	0-4000	1/4" Hex	3/4"	11-1/4	3-1/2	5
6753-1	120	3.5	0-4000	1/4" Hex	3/4"	11	3-1/8	4-1/2
6747-1	120	4.5	0-2500	1/4" Hex	3/4"	11-1/2	3-5/8	5

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.

STANDARD EQUIPMENT

FOR NOS. 6750-1 and 6753-1—#2 Phillips Bit, Magnetic Bit Holder No. 48-32-3065, Magnetic Bit Holder Locator No. 49-26-1030 and Belt Clip No. 48-67-0102.

FOR NO. 6747-1—#2 Phillips Bit, Magnetic Bit Holder No. 48-32-3065, Magnetic Bit Holder Locator No. 49-26-1040 and Belt Clip No. 48-67-0102.

Locator Assembly for 6750-1
with Serial No. 464-110001 and above;
and all Model 6753-1 Screwshooters.

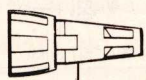


Locator Assembly
49-26-1030
(Molded Nylon
with Aluminum Tip)

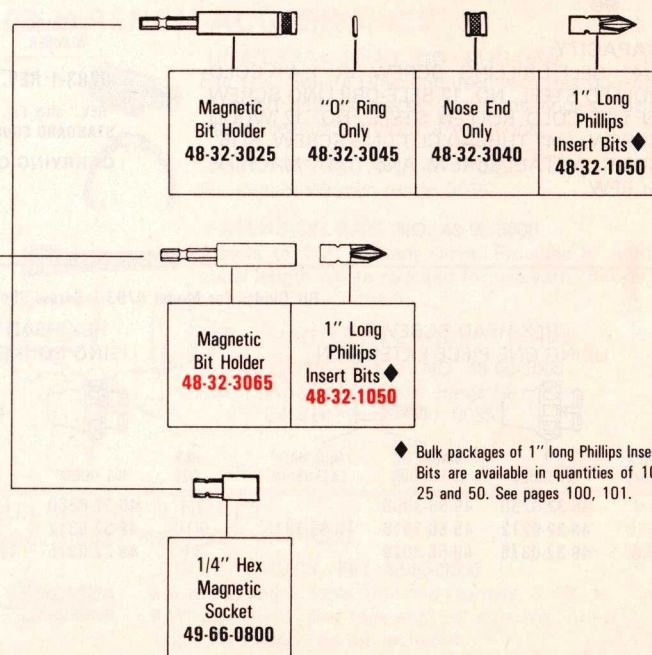
Bit Housing & Locators for 6750-1
with Serial No. 464-107024 and below;
and all Model 6747-1 Screwshooters.



Bit Housing
48-32-2500
(Fine Threads)



Locator Assembly
49-26-1040
(Molded Nylon)



♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY MAGNUM[®] DRYWALL SCREW-SHOOTERS



- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH** prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **COMFORTABLE TWO FINGER TRIGGER**
- **FOUR POSITION HAND GRIP FOR ANY APPLICATION**
- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM—REMOVABLE BRUSH CARTRIDGE** ... change brushes in less than one minute anywhere, with only a screwdriver. *CAUTION—Before servicing, disconnect power cord.* Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. **SELF-STOPPING BRUSHES.** Instant brush replacement by using spares stored in cartridge system.
- **QUIK-LOK CORDS SETS FOR FAST, SECURE ATTACHMENT. 8' STANDARD EQUIPMENT—25' and 50' AVAILABLE**

6749-1

4.5 AMPS
VARIABLE SPEED
0-2500 RPM

6754-1

4.5 AMPS
VARIABLE SPEED
0-4000 RPM

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6749-1	120	4.5	0-2500	1/4" Hex	7/8"	11-1/2	3-3/4	5-1/2
6754-1	120	4.5	0-4000	1/4" Hex	7/8"	11-1/4	3-1/2	5

NOTE: Models have reversing type motor and are equipped with lockable trigger switch.
STANDARD EQUIPMENT: #2 Phillips Bit, Magnetic Bit Holder and Magnetic Bit Holder Locator.
8' Quik-Lok Cord Set No. 48-76-3008.



DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050

BIT HOUSING & LOCATORS FOR 6749-1 & 6754-1 POSITIVE DRIVE

Bit Housing 48-32-2500 * (Fine Threads)	Locator Assembly 49-26-1040 (Molded Nylon)	Magnetic Bit Holder 48-32-3025	"O" Ring Only 48-32-3045	Nose End Only 48-32-3040	1" Long Phillips Insert Bits ♦ 48-32-1050	1/4" Hex Magnetic Socket 49-66-0800

* Previous nylon gearcase models require No. 48-32-2505.

♦ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

SCREW-SHOOTER ACCESSORIES



SCREWDRIVER BIT SET NO. 48-30-0200

Set includes 4 Phillips, 5 Slotted, 5 Hex, 4 Square Recess, 6 Torx, 2 Posidrive Bits, 1/4" Socket Adapter, Magnetic Bit Holder, 1/4" Hex Bit Driver and durable, molded Plastic Storage Case.

NEW



HAND SCREWDRIVER NO. 48-32-1600



1/4" HEX SHANK DRIVE SCREWDRIVER BIT SET NO. 48-30-0100

Set includes one each of
48-30-1500 #3 Phillips Bit
48-30-1510 #1 Phillips Bit
48-30-1520 #2 Phillips Bit
48-30-2600 Bit and Finder 6F-8R
48-30-2625 Bit and Finder 8F-10R
48-30-2650 Bit and Finder 10F-12R
48-32-2050 1/4" Sq. Socket Driver



TOOL HOLSTER NO. 49-17-0200

Fits belts to
3" wide.



STEEL CARRYING CASE NO. 48-55-0711

Overall size 13-1/2" long, 6" high and 8-3/4" wide.

TYPE "E" GREASE NO. 49-08-4121 1 LB. CAN

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PAGES 100, 101

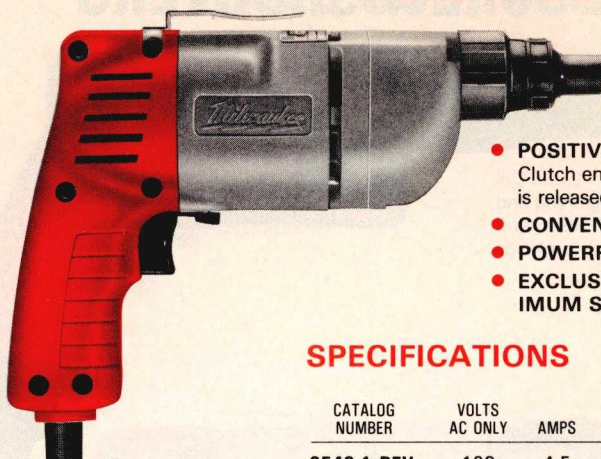
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY SCREW-SHOOTER

FOR WOOD SCREWS

ALL BALL
AND ROLLER
BEARINGS



6543-1

4.5 AMPS
VARIABLE SPEED
0-1000 RPM

- **POSITIVE DRIVE CLUTCH**
Clutch engages when pressure is applied and stops when pressure is released. Torque is maintained while pressure is applied.
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**
- **EXCLUSIVE SNAP-IN BIT GUIDE DESIGN PROVIDES MAXIMUM SUPPORT, GREATLY REDUCING BIT WOBBLE**

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6543-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	10-1/8	3-3/4	5-1/2

CAPACITY:

SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE — TO #16
HARD WOOD WITH PILOT HOLE — TO #16
HARD WOOD WITHOUT PILOT HOLE — TO #12

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 6F-8R Bit and Finder No. 48-30-2600, 10F-12R Bit and Finder No. 48-30-2650, 6F-8R Bit Guide No. 48-32-0608, 10F-12R Bit Guide No. 48-32-1012, #2 Phillips Insert Bit No. 48-32-1050, Non. Mag. Bit Holder No. 48-32-3050, 1/4" Bit Guide No. 48-32-0250 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE PAGE 97

HEAVY-DUTY SCREW-SHOOTER—NUT RUNNER

FOR MACHINE AND SHEET METAL SCREWS AND NUTS

ALL BALL
AND ROLLER
BEARINGS



NEW 6583-1

4.5 AMPS
VARIABLE SPEED
0-2500 RPM

- **SIMPLIFIED ADJUSTABLE TORQUE RELEASE CLUTCH**
Torque output is easily changed externally by turning adjustment collar which positively holds setting. Clutch disengages and driving action stops when pre-set torque is reached.
- **ADJUSTABLE FROM 10 TO 120 INCH-POUNDS OF TORQUE**
- **CONVENIENT REVERSING SWITCH**
- **POWERFUL MILWAUKEE 4.5 AMP MOTOR**

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6583-1 REV.	120	4.5	0-1000	1/4" Hex	3/4"	11-1/2	4	5-1/2

CAPACITY:

1/4" MACHINE SCREWS AND NUTS
1/4" THREAD CUTTING SCREW
5/16" SHEET METAL SCREW
SOFT WOOD WITH PILOT HOLE — TO 5/16" LAG
SOFT WOOD WITHOUT PILOT HOLE — TO #16
HARD WOOD WITH PILOT HOLE — TO #16
HARD WOOD WITHOUT PILOT HOLE — TO #12

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 6F-8R Bit and Finder No. 48-30-2600, 10F-12R Bit and Finder No. 48-30-2650, #2 Phillips Insert Bit No. 48-32-1050, Non. Mag. Bit Holder No. 48-32-3050 and Belt Clip Kit No. 48-67-0102.

CARRYING CASE, HOLSTER, GREASE AVAILABLE — SEE PAGE 97

Bit Guides for Model 6583-1 Screw-Shooter with Serial No. 470-47800 and below.

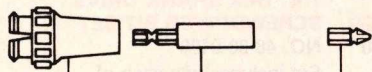
SLOTTED SCREWS



SCREW SIZE	BIT GUIDE	BIT AND FINDER COMBINATION
6F-8R	48-32-0608	48-30-2600
8F-10R	48-32-0810	48-30-2625
10F-12R	48-32-1012	48-30-2650
12F-14R	48-32-1214	48-30-2675
14F-16R	48-32-1416	48-30-2700

NOTE: F = Flat Head R = Round Head

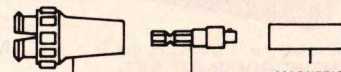
PHILLIPS, POZIDRIV®, FREARSON AND ROBERTSON



TYPE OF SET-UP	BIT GUIDE	BIT HOLDER	INSERT BITS
Magnetic	48-32-0608	48-32-3025	Select any Insert Bit from Page 101.
Non-Magnetic	48-32-0250	48-32-3050	

◆ Bulk packages of 1" long Phillips Insert Bits are available in quantities of 10, 25 and 50. See pages 100, 101.

HEX NUTS (SOCKETS HAVE BOLT CLEARANCE)



HEX SIZE	BIT GUIDE	SOCKET DRIVER	MAGNETIC 2" LONG NUT SOCKET
1/4"	48-32-0608	1/4" Sq. x 2" Long	49-66-3002
5/16"	48-32-0810		49-66-3012
3/8"	48-32-1012	48-32-2050	49-66-3022

NOTE: For Hex Head Screws, use accessories as shown for Model 6783-1.

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS — SPECIFICATIONS — SEE PAGES 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



HEAVY-DUTY MAGNUM[®] SPECIAL SCREW-SHOOTERS

FOR DRIVING SELF-DRILLING, SELF-TAPPING TEKS[®] FASTENERS

TEKS[®]
registered trademark of
Illinois Tool Works, Inc.

6793-1

HIGH TORQUE

MAGNUM[®] SCREW-SHOOTER

REVERSING...TRIGGER SPEED CONTROL 0-2000 RPM
HIGH TORQUE, LOWER RPM FOR REDUCED SCREW
POINT BURNING.

CAPACITY:

1/4" SCREW IN 1/4" COLD ROLLED STEEL OR
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

Lower RPM provides 25% more torque available than Model 6794-1 for
fastening 1-1/8" plywood and other compressible decking materials to
1/8" steel joists using self-drilling and self-tapping fasteners.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6793-1 REV.	120	4.5	0-2000	1/4" HEX	7/8"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", and 3/8"
Locators. 8' Quik-Lok Cord Set No. 48-76-3008.



6794-1

REVERSING...TRIGGER SPEED CONTROL 0-2500 RPM
FOR EASY, ACCURATE DRIVING

CAPACITY:

1/4" SCREW IN 1/4" COLD ROLLED STEEL OR
NO. 12 SCREW IN 1/2" COLD ROLLED STEEL.

SPECIFICATIONS

CATALOG NUMBER	VOLTS AC ONLY	AMPS	RPM NO LOAD	BIT SHANK SIZE	SPINDLE OFFSET	LGTH. (IN.)	NET WGT. (LBS.)	SHP. WGT. (LBS.)
6794-1 REV.	120	4.5	0-2500	1/4" HEX	7/8"	10-1/2	3-3/4	5-1/2

"REV." after Cat. No. indicates reversing type motor. Equipped with lockable trigger switch.

STANDARD EQUIPMENT: 5/16" Hex One Piece Socket Extension and 1/4", 5/16", and 3/8"
Locators. 8' Quik-Lok Cord Set No. 48-76-3008.

CARRYING CASE, HOLSTER, QUIK-LOK CORD SET, GREASE AVAILABLE—SEE PAGE 97

EXCLUSIVE MAGNUM[®] FEATURES

- **EXCLUSIVE SNAP-ACTION POSITIVE DRIVE CLUTCH**
prevents tip-to-tip engagement of clutch jaws at the beginning and at the end of a screw driving cycle. This reduces clutch wear, and when depth sensing nosepieces are properly used, greatly prolongs clutch life.
- **ALL BALL AND ROLLER BEARINGS**
- **POWERFUL MILWAUKEE MOTOR PROVIDES GREATER TORQUE**
- **QUIK-LOK CORD SETS FOR FAST, SECURE ATTACHMENT.**
8' STANDARD EQUIPMENT — 25' and 50' AVAILABLE.



3 WIRE CORD SET
FOR TOOL NO. 6793-1
AND NO. 6794-1

DESCRIPTION	CATALOG NUMBER
8' QUIK-LOK	48-76-3008
25' QUIK-LOK	48-76-3025
50' QUIK-LOK	48-76-3050










- **EXCLUSIVE BRUSH CARTRIDGE SYSTEM — REMOVABLE BRUSH CARTRIDGE...**change brushes in less than one minute anywhere, with only a screwdriver. **CAUTION** — Before servicing, disconnect power cord. Next, loosen Phillips/slotted brush-holder screw and pull out cartridge. **SELF-STOPPING BRUSHES.** Instant brush replacement by using spares stored in cartridge system.



EXTRA SCREW

RED
CATALOG NOS.
ARE STANDARD
EQUIP.

BIT HOUSING & LOCATORS FOR 6793-1 AND 6794-1 POSITIVE DRIVE SCREW-SHOOTERS

<div>CATALOG ARE STANDARD EQUIP.</div> <div></div> <div>HEX SIZE BIT HOUSING</div>		HEX HEAD SCREWS — USING SOCKET & DRIVER			HEX HEAD SCREWS — USING ONE PIECE EXTENSIONS			PHILLIPS, POSIDRIV® AND ROBERTSON SCREWS				
		<div></div> LOCATOR ASSEMBLY	<div></div> SOCKET DRIVER	<div></div> MAGNETIC SOCKET			<div></div> LOCATOR ASSEMBLY	<div></div> SOCKET EXT-MAGNETIC	TYPE OF SET-UP	<div></div> LOCATOR ASSEMBLY	<div></div> BIT HOLDER	<div></div> INSERT BITS◆
1/4"		49-26-0250		49-66-3000	1/4"	49-26-0250	49-66-3006		Magnetic	49-26-1040	48-32-3025	Select Bits with Key Letters T, U or W from Page 101.
5/16"	48-32-2500 * (Fine Thread)	49-26-0312	1/4" Sq. × 2" Long	49-66-3010	5/16"	49-26-0312	49-66-3016	Non- Magnetic	49-26-0250	48-32-3050		
3/8"		49-26-0375		49-66-3020	3/8"	49-26-0375	49-66-3026					
7/16"		49-26-0600	48-32-2050	49-66-3030								

* Previous nylon gearcase models require No. 48-32-2505

FOR COMPLETE BIT AND SOCKET ILLUSTRATIONS—SPECIFICATIONS—SEE PGS. 100, 101

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS

♦ Bulk packages of 1" long Phillips Insert Bits are available
in quantities of 10, 25 and 50. See page 101.



HEAVY-DUTY SCREW-SHOOTER ACCESSORIES



PHILLIPS INSERT BITS:

10 BITS PER PACKAGE,
REUSABLE VINYL POUCH

NO. 48-32-1033 PACKAGE OF 10
#1 PHILLIPS INSERT BITS

NO. 48-32-1043 PACKAGE OF 10
#2 PHILLIPS INSERT BITS with
reduced diameter...ideal
for Drywall applications

NO. 48-32-1053 PACKAGE OF 10
#2 PHILLIPS INSERT BITS

NO. 48-32-1073 PACKAGE OF 10
#3 PHILLIPS INSERT BITS

NEW



HAND SCREWDRIVER

NO. 48-32-1600

**HEAVY-DUTY
MILWAUKEE QUALITY**

Magnet holds Bits for starting. For
use with Insert Bits, Sockets,
Socket Drivers and Extensions.
Select Bits from chart on page 101.



DRIVER/DRILL BIT SET

NO. 48-30-0101

For use with Cordless and Electric Power Drills. The 8 piece set in-
cludes 1/4" Socket Driver, 6F-7R Slotted Bit, #1 and #2 Phillips
Bit, 1/4" and 3/16" Twist Bits and two 1/8" Twist Bits.



1/4" HEX SHANK DRIVE SCREWDRIVER BIT SET

NO. 48-30-0100

Set includes one each of

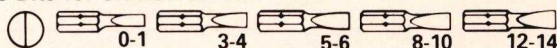
NO. 48-30-1500	#3 Phillips Bit	NO. 48-30-2600	Bit and Finder 6F-8R
NO. 48-30-1510	#1 Phillips Bit	NO. 48-30-2625	Bit and Finder 8F-10R
NO. 48-30-1520	#2 Phillips Bit	NO. 48-30-2650	Bit and Finder 10F-12R
		NO. 48-32-2050	1/4" Sq. Socket Driver

SCREWDRIVER BIT SET NO. 48-30-0200

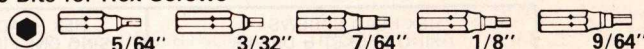
A "must have" Screwdriver Set. Set includes 1/4" Hex Bit Hand
Screwdriver, Molded Plastic Storage Case and all Bits as outlined
below. Replacement Bits may be selected from chart on page 101.



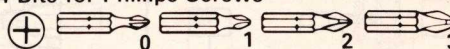
5 Bits for Slotted Screws



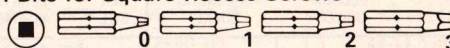
5 Bits for Hex Screws



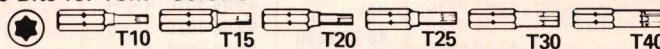
4 Bits for Phillips Screws



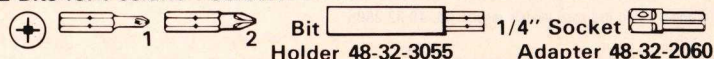
4 Bits for Square Recess Screws



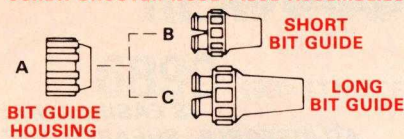
6 Bits for Torx® Screws



2 Bits for Posidriv® Screws



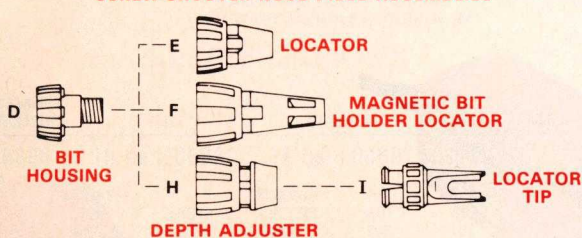
SCREW-SHOOTER NOSE PIECE ASSEMBLIES



KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER
A	Bit Guide Housing	48-32-1000	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
B1	1/4" Hex Bit Guide	48-32-0250	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
B2	5/16" Hex Bit Guide	48-32-0312	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
B3	3/8" Hex Bit Guide	48-32-0375	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
C1	6F-8R Bit Guide	48-32-0608	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
C2	8F-10R Bit Guide	48-32-0810	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
C3	10F-12R Bit Guide	48-32-1012	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
C4	12F-14R Bit Guide	48-32-1214	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1
C5	14F-16R Bit Guide	48-32-1416	6543-1, 6583-1†, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1†, 6794-1, 6798-1

* Serial No. 464-107,024 and below.
† Serial No. below 471-51500.
‡ Serial No. below 470-46500.

SCREW-SHOOTER NOSE PIECE ASSEMBLIES



KEY	DESCRIPTION	CATALOG NO.	USE WITH MODEL NUMBER
D1	Bit Housing (Fine Thread)	48-32-2500	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
D2	Bit Housing (Coarse Thread)	48-32-2505	6744-1, 6754-1, 6794-1●
E1	1/4" Hex Locator	49-26-0250	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
E2	5/16" Hex Locator	49-26-0312	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
E3	3/8" Hex Locator	49-26-0375	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
E4	7/16" Hex Locator	49-26-0600	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
F1	Molded Drywall Locator	49-26-1040	6543-1, 6744-1, 6747-1, 6749-1, 6750-1*, 6751-1, 6754-1, 6793-1, 6794-1, 6798-1
H	Depth Adjuster	49-26-2500	6543-1, 6744-1, 6747-1, 6749-1, 6793-1, 6794-1, 6798-1
I1	5/16" Hex Locator Tip	49-78-0312	6543-1, 6744-1, 6747-1, 6749-1, 6793-1, 6794-1, 6798-1
I2	3/8" Hex Locator Tip	49-78-0375	6543-1, 6744-1, 6747-1, 6749-1, 6793-1, 6794-1, 6798-1
G	MAGNETIC BIT HOLDER LOCATOR	6750-1 and 6753-1 Only	
G	Molded Drywall Locator	49-26-1030	6750-1†, 6753-1

* Serial No. 464-107,024 and below.
● Previous nylon gearcase models require coarse threads.
† Serial No. 464-110,001 and above.

ACCESSORIES FOR PREVIOUS MILWAUKEE 1/4" HEX SHANK DRIVERS

DESCRIPTION	SCREW SIZE	BIT CATALOG NO.
1-15/16" Long Bits for Slotted Head Screws	6F-7R	48-30-0500
	8F-10R	48-30-0505
	10F-12R	48-30-0510
	12F-14R	48-30-0515
2" Long Phillips Bits	#1	48-30-1510
	#2	48-30-1520
	#3	48-30-1500



HEAVY-DUTY SCREW-SHOOTER ACCESSORIES

BIT HOLDERS • SOCKETS • EXTENSIONS • BITS and FINDERS

KEY	DESCRIPTION	SIZE	CATALOG NO.	FOR USE WITH
J	Magnetic Bit Holder		48-32-3025	G, F1, or C1
K	Magnetic Bit Holder		48-32-3065	G, F1, or C1
L	Non-Mag. Bit Holder		48-32-3050	E1 or B1
M1	1/4" Sq. x 2" Socket Driver		48-32-2050	N or O
M2	1/4" Sq. x 4" Socket Driver		48-32-2055	H & I1 & N2 H & I2 & N3
N1	Hex Sockets Only	1/4"	49-66-3000	M1 & E1 or B1
N2	Magnetic	5/16"	49-66-3010	M1 & E2 or B2
N3		3/8"	49-66-3020	M1 & E3 or B3
N4		7/16"	49-66-3030	M1 & E4
O1	2" Lg. Hex Nut Magnetic Sockets With Bolt Clearance	1/4"	49-66-3002	M1 & C1
O2		5/16"	49-66-3012	M1 & C2
O3		3/8"	49-66-3022	M1 & C3
P	1 Pc. Hex Socket Extension Non-Magnetic	5/16"	49-66-3015	E2 or B2
Q1	1 Pc. Hex Socket Extension Magnetic	1/4"	49-66-3006	E1 or B1
Q2		5/16"	49-66-3016	E2 or B2
Q3		3/8"	49-66-3026	E3 or B3
R1	Bit and Finder Combinations (Slotted Screws)	6F-8R	48-30-2600	C1
R2		8F-10R	48-30-2625	C2
R3		10F-12R	48-30-2650	C3
R4		12F-14R	48-30-2675	C4
R5		14F-16R	48-30-2700	C5
S1	Replacement Bits for Bit and Finder Combinations	6F-8R	48-30-0750	R1
S2		8F-10R	48-30-0770	R2
S3		10F-12R	48-30-0790	R3
S4		12F-14R	48-30-0800	R4
S5		14F-16R	48-30-0805	R5

INSERT BITS

T0	NEW	#0	48-32-1020	
T1		#1	48-32-1030	
T1		#1 (QTY. OF 10)	48-32-1033	
T1		#1 (QTY. OF 25)	48-32-1031	
T1		#1 (QTY. OF 50)	48-32-1032	
T2		#2	48-32-1040	
T2	Phillips 1" long	#2 (QTY. OF 10)	48-32-1043	
T2		#2 (QTY. OF 25)	48-32-1041	
T2		#2 (QTY. OF 50)	48-32-1042	
T2		#2	48-32-1050	
T2		#2 (QTY. OF 10)	48-32-1053	
T2		#2 (QTY. OF 25)	48-32-1051	
T2		#2 (QTY. OF 50)	48-32-1052	
T3		#3	48-32-1070	
T3		#3 (QTY. OF 10)	48-32-1073	
T4		0F-1R	48-32-1300	
T4	Slot Screw Insert Bit NEW	3F-4R	48-32-1320	
T4		5F-6R	48-32-1340	
T4		8F-10R	48-32-1360	
T4		12F-14R	48-32-1380	
T5		5/64"	48-32-1400	
T5	Allen Head NEW	3/32"	48-32-1420	
T5		7/64"	48-32-1440	
T5		1/8"	48-32-1460	
T5		9/64"	48-32-1480	
T6		T6	48-32-1506	
T8		T8	48-32-1508	
T9		T9	48-32-1509	
T10		T10	48-32-1510	
T15		T15	48-32-1515	
T20		T20	48-32-1520	
T25		T25	48-32-1525	
T30		T30	48-32-1530	
T40		T40	48-32-1540	
U1	Pozidriv® 1" long	#1	48-32-1120	
U2		#2	48-32-1125	
U3		#3	48-32-1130	
V1	Frearson (Reed & Prince) 1-1/8" long	#1	48-32-1110	
V2		#2	48-32-1115	
W1	Square Drive NEW	#0	48-32-1201	
W1		#1	48-32-1205	
W2		#2	48-32-1210	
W3		#3	48-32-1215	
X1	Slotted Screw Insert Bits	6F-8R	48-32-0050	
X2		8F-10R	48-32-0060	
X3		10F-12R	48-32-0070	
X4		12F-14R	48-32-0080	
X5		14F-16R	48-32-0090	
Y1	Magnetic Insert Socket	1/4"	49-66-0800	

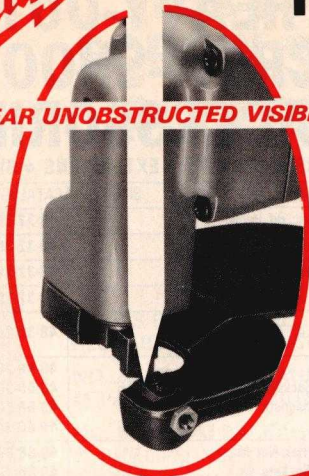
J, K & L

It is Recommended Slotted Screws Be Driven With R1 thru R5



HEAVY-DUTY SHEARS DOUBLE INSULATED

CLEAR UNOBSTRUCTED VISIBILITY



EXCLUSIVE—LOWER SHEAR BLADE IS EASILY AND SECURELY ADJUSTABLE. SHEARED METAL RIDES SMOOTHLY OVER AND UNDER UNIQUE STEEL YOKE PROVIDING HIGH CUTTING EFFICIENCY AND SMOOTH EDGE.



- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE BLADE ADJUSTMENT—NO SHIMS
- BLADE DESIGN ELIMINATES JAMMING
- LEAVES EDGES SMOOTH—BURR FREE
- NO ADJUSTMENTS FOR STRAIGHT CUTS—CURVES
- CUTS CLOSE CURVES EITHER RIGHT OR LEFT
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- ALL BALL AND NEEDLE BEARINGS

AC-DC PADDLE SWITCH (Model 6855)

AC-DC TOGGLE SWITCH (Models 6805, 6815)

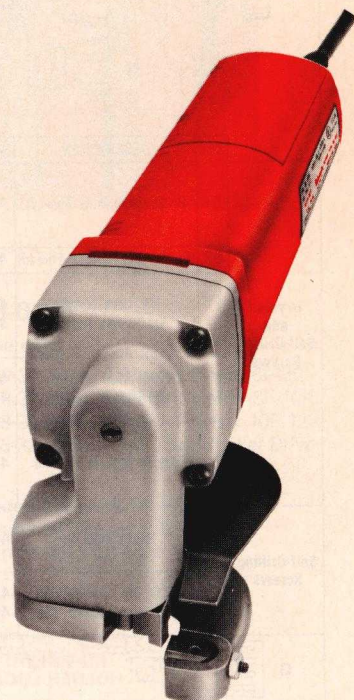
- CONVENIENTLY MOUNTED FOR ONE HAND OPERATION



18 GAUGE
6855 3.0 AMPS
3600 STROKES
PER MIN.



16 GAUGE
6805 4.0 AMPS
4000 STROKES
PER MIN.



14 GAUGE
6815 5.0 AMPS
4000 STROKES
PER MIN.

SPECIFICATIONS

CATALOG NUMBER	CAPACITY		VOLTS AC-DC	AMPS	STROKES PER MINUTE	MINIMUM RADIUS		LENGTH INCHES	NET WGT. LBS.	SHP. WGT. LBS.
	STEEL	STAINLESS				LEFT	RIGHT			
6855	18 Ga. (.0478")	20 Ga. (.0355")	120	3.0	3600	1/2"	1"	9-5/8	4	5
6805	16 Ga. (.0598")	18 Ga. (.0480")	120	4.0	4000	1/2"	1"	10-1/4	5	6
6815	14 Ga. (.0747")	16 Ga. (.0595")	120	5.0	4000	3/4"	1"	10-1/4	5	6

Standard Equipment: Allen Wrenches, Feeler Gauge, Upper Blade and Lower Blade.

ACCESSORIES

SHEAR BLADE SETS

- NEW** NO. 48-44-0112 Shear Blade Set for 14 Ga.
NEW NO. 48-44-0122 Shear Blade Set for 16 Ga. and 18 Ga.
Sets include both upper and lower blades and screws.

- NO. 49-96-0040 5/64" Allen Wrench
NO. 49-96-0065 9/64" Allen Wrench
NO. 49-11-0080 Feeler Gauge
NO. 49-08-4140 Type "G" Grease, 1 lb. can.



HEAVY-DUTY DOUBLE INSULATED NIBBLERS

6890 16 GAUGE 3.8 AMPS
1900 STROKES PER MIN.

6880 10 GAUGE 4 AMPS
1000 STROKES PER MIN.



AC-DC PADDLE SWITCH

- CONVENIENTLY MOUNTED FOR ONE HAND OPERATION

CUTS SQUARE OR ROUND AND DEEP CORRUGATION

INDEXING DIE HOLDER ALLOWS FOR EIGHT CUTTING POSITIONS



- INDEXABLE HEAD FOR REACHING "HARD TO GET" AREAS. ABILITY TO CUT FLAT, IRREGULAR AND CORRUGATED MATERIAL WITHOUT CHANGING DIE HOLDER.
- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- NO ADJUSTMENTS FOR STRAIGHT OR CURVED CUTS
- CUTS SQUARE OR ROUND AND DEEP CORRUGATED METAL
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- STARTING HOLE REQUIRED .87"

SPECIFICATIONS

CATALOG NUMBER	STEEL	CAPACITY	STAINLESS	AC-DC VOLTS	AMPS
6890	16 Ga. (.0598")	18 Ga. (.0480")		120	3.8
	STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
	1900	11-1/4	1-3/4"	4-3/4	5-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Plate Wrench.

ACCESSORIES

NO. 48-44-0260	Replacement Punch	NO. 49-96-4725	Replacement Plate Wrench
NO. 48-44-0270	Replacement Die	NO. 49-96-0330	Replacement 2.5mm Allen Wrench
		NO. 49-08-4140	Type "G" Grease, 1 lb. can



AC-DC TOGGLE SWITCH

- ALLOWS FOR TWO HANDED OPERATION OF TOOL

LIGHTWEIGHT... ONLY 7-3/4 LBS.

POWERFUL 10 GAUGE CAPACITY

CUTTING GUIDE ON FRONT FOR PATTERN WORK



REMOVABLE SIDE HANDLE... USE ON EITHER SIDE FOR EXTRA CONTROL

- HIGH SPEED ACCURATE CUTTING MECHANISM
- SIMPLE PUNCH AND DIE REPLACEMENT
- JAM FREE OPERATION
- DISTORTION FREE CUTTING
- CLEAR UNOBSTRUCTED VISIBILITY
- NEW BRUSH DESIGN FOR EASY BRUSH REPLACEMENT
- ALUMINUM GEAR HOUSING
- STARTING HOLE REQUIRED 1.65"

SPECIFICATIONS

CATALOG NUMBER	STEEL	CAPACITY	STAINLESS	AC-DC VOLTS	AMPS
6880	10 Ga. (.1345")	12 Ga. (.1050")		120	4
	STROKES PER MINUTE	LENGTH INCHES	MINIMUM CUTTING RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
	1000	12-1/4	2-1/2"	7-3/4	8-3/4

Standard Equipment: Includes Punch, Die, Allen Wrench and Side Handle.

ACCESSORIES

NO. 48-44-0265	Replacement Punch	NO. 49-96-0350	4mm Allen Wrench
NO. 48-44-0275	Replacement Die	NO. 49-08-4140	Type "G" Grease, 1 lb. can



HEAVY-DUTY SWIVEL HEAD SHEAR

BALL AND ROLLER BEARINGS

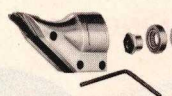
- CUTS ROUND HOLES...SQUARE HOLES...IRREGULAR HOLES
- 360° SWIVEL HEAD
- CUTS UP TO 15' PER MIN.
- CONTINUOUS METAL CURL
- HEAD ASSEMBLY DESIGNED FOR EASY SERVICING



18 GAUGE
6850

- Aluminum Gear Case and Diaphragm supplies greater support for shaft and bearings
- Powerful MILWAUKEE built Motor
- High Strength Impact Resistant Handle

REPLACEMENT SWIVEL SHEAR HEAD ASSEMBLY
NO. 48-08-0500



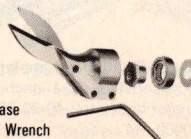
6851
POWER UNIT

SPECIFICATIONS

CATALOG NUMBER	STEEL	CAPACITY	STAINLESS	VOLTS AC ONLY	AMPS	CUTTING SPEED FT./MIN.	MINIMUM RADIUS	NET WGT. LBS.	SHP. WGT. LBS.
6850	18 Ga. (.0478")	20 Ga. (.0355")		120	3.5	15	7"	4	6
6851	Power Unit Only. For use with 48-08-0500			120	3.5	3/8" x 24 Spindle			

REPLACEMENT ACCESSORIES FOR DISCONTINUED SCISSORS HEAD SHEAR 6860

48-44-0180	Moveable Scissor Blade	49-08-4121	1 lb. Can "E" Grease
48-44-0190	Stationary Scissor Blade	49-96-0070	5/32" Hex Socket Wrench





HEAVY-DUTY VACUUM CLEANERS

OUTSTANDING FEATURES

- **POSITIVE WATER SHUT-OFF**—On wet/dry machines protects motor from direct exposure to water.
- **HEAVY-DUTY FILTER SYSTEM**—For the roughest coarse materials to the finest dust.
- **USE AS BLOWER**—Switch hose from intake to exhaust, for cleaning inaccessible areas.

VACUUM MOTOR DESIGN

Centrifugal blower produces high efficient vacuum and air flow. Models 8911, 8912, 8917, 8925, 8935, 8937, 8940 and 8945 have a two-stage bypass motor for wet/dry operation. They provide discharge of vacuum air from the fan case with a separate system for motor cooling. Clean air is drawn into top of motor and discharged through motor housing vents protecting motor from direct exposure to moisture.

NO. 8925
Stainless 16" Dia.
BOTTOM
DRAIN VALVE
FOR EASY
WATER REMOVAL

NO. 8917
Stainless 16" Dia.
BOTTOM
DRAIN VALVE
FOR EASY
WATER REMOVAL

NO. 8912
Steel 16" Dia.

NO. 8911
Steel 16" Dia.

NO. 8965
Steel 14" Dia.



GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 vinyl covered hold-down clamps and 4-wheel caddy with non-marring wheels.

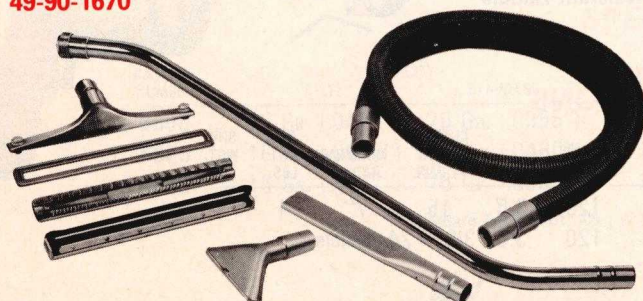
CAT. NO.	FOR MATERIALS	RECOV. GAL.	CAP. BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	HEIGHT	NET WGT. (LBS.)	SHIP. WGT. (LBS.)
8925	WET or DRY	15	2	STAINLESS	120	10	2-Stage Bypass	110	105"	19"	36"	53	73
8917	WET or DRY	9	1-1/2	STAINLESS	120	10	2-Stage Bypass	110	105"	19"	32"	52	70
8912	WET or DRY	9	1-1/2	STEEL	120	10	2-Stage Bypass	110	105"	19"	32"	49	68
8911	WET or DRY	9	1-1/2	STEEL	120	8	2-Stage Bypass	87	83"	19"	32"	48	67
8965	WET or DRY	10	1-1/8	STEEL	120	6.2	1-Stage Bypass	97	49"	19-1/2"	35-5/8"	34	49

STANDARD EQUIPMENT

FOR MODEL 8925 }
FOR MODEL 8917 } Three paper filter bags, cloth filter, gasket and wire frame assembly, wet pick-up conversion pan, swivel connector and canvas store-all tool bag.
FOR MODEL 8912 }
FOR MODEL 8911 }
FOR MODEL 8965—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, cloth filter assembly, foam filter sleeve, 3 wheel dolly and three paper filter bags No. 49-90-0301.

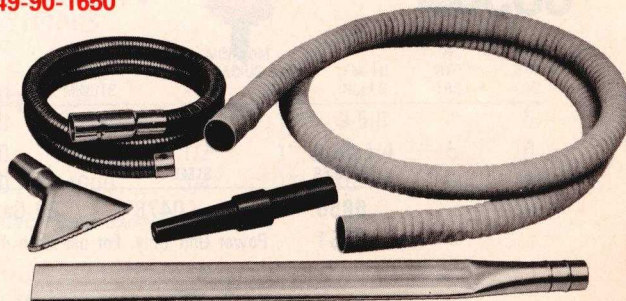
VACUUM CLEANER ACCESSORIES

WET AND DRY CLEANING KIT 49-90-1670



WET AND DRY CLEANING KIT NO. 49-90-1670 A complete kit of accessories for the maintenance department. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0550, major floor tool; 49-90-0580 squeegee shoe; 49-90-0400, 15" crevice tool; 49-90-0600, 14" carpet insert; 49-90-0740, utility nozzle; 49-90-1000, double bend floor rod.

FURNACE CLEANING KIT 49-90-1650



FURNACE CLEANING KIT NO. 49-90-1650 All accessories needed for cleaning furnaces. Kit includes 1 each of the following: 49-90-0020, 10 ft. hose; 49-90-0080, 6 ft. metal hose; 49-90-0410, 27" crevice tool; 49-90-0460, rubber blower nozzle; 49-90-0740, utility nozzle.



HEAVY-DUTY VACUUM CLEANERS

VACUUM MOTOR DESIGN

Model 8931 has a straight-thru motor for dry pick-up. Filters remove dirt from air before reaching the motor. The 8950, 8955 and 8965 have a one-stage bypass motor for wet/dry operation.

SEE PAGES 106, 107, 108 FOR
COMPLETE VACUUM ACCESSORIES,
ALSO MOTOR HEADS AND
DRUM ADAPTER ASSEMBLY

NO. 8937
Stainless 14" Dia.
BOTTOM
DRAIN VALVE
FOR EASY
WATER REMOVAL

NO. 8935
Steel 14" Dia.

NO. 8931
Steel 14" Dia.

NO. 8955
Steel 14" Dia.

NO. 8950
Steel 14" Dia.



**VACUUM
CLEANER
DOLLY**
NO. 49-90-1150
For use with Model
8950 ONLY.
(ORDER
SEPARATELY)

GENERAL SPECIFICATIONS

All models are equipped with 1-1/2" O.D. hose connections, cord with 3-prong grounded plug, 3 hold-down clamps and (Except for model 8950) caddy with non-marring wheels.

CAT. NO.	FOR MATERIALS	RECOV. CAP GAL.	BU.	TANK	VOLTS	AMPS	MOTOR TYPE	MAX. AIR FLOW CU. FT./MIN.	SEALED SUCTION IN WATER	OVERALL DIMENSIONS WIDTH	HEIGHT	NET WGT. (LBS.)	SHP. WGT. (LBS.)
8937	WET or DRY	4-1/2	3/4	STAINLESS	120	8	2-Stage Bypass	87	83"	17"	28"	36	46
8935	WET or DRY	4-1/2	3/4	STEEL	120	8	2-Stage Bypass	87	83"	17"	28"	35	45
8931	DRY ONLY	—	1/2	STEEL	120	7	Straight-Thru	95	—	17"	25"	29	36
8955	WET or DRY	10	1-1/8	STEEL	120 AC, 60 Hz	7.4	1-Stage Bypass	97	49"	19-1/2"	38-1/2"	32	44
8950	WET or DRY	8	7/8	STEEL	120 AC, 60 Hz	7.4	1-Stage Bypass	97	49"	16-3/4"	22-1/2"	18	25

STANDARD EQUIPMENT

FOR MODEL 8937—Three paper filter bags, wet pick-up conversion pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.

FOR MODEL 8935—Three paper filter bags, wet pick-up pan, cloth filter, gasket, wire frame assembly, swivel connector and wire hose carrier.

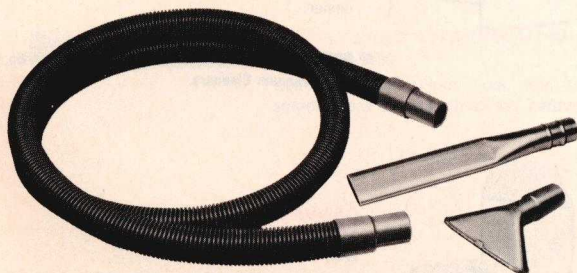
FOR MODEL 8931—Three paper filter bags, cloth filter, gasket, wire frame assembly, swivel connector and hose carrier.

FOR MODEL 8955—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor, filter cartridge and 3 wheel dolly.

FOR MODEL 8950—7 ft. 1-1/2" I.D. vinyl hose, hose adaptor and filter cartridge.

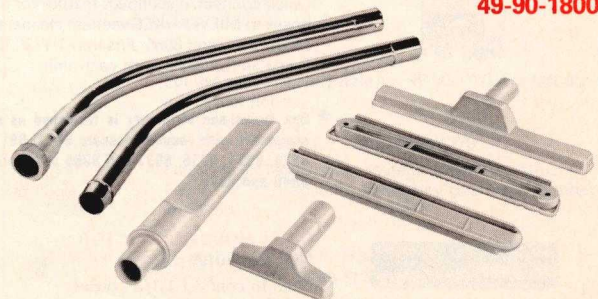
OR CURRENT MODELS, ALSO FOR PREVIOUS MODELS 8910, 8915, 8916, 8921, 8930

AUTOMOTIVE KIT 49-90-1660



AUTOMOTIVE KIT NO. 49-90-1660 A kit especially designed for garages doing automotive work. Kit consists of 1 each of the following: 49-90-0060, 10 ft. hose; 49-90-0400, 15" crevice tool; 49-90-0740, utility nozzle.

VACUUM ACCESSORY KIT 49-90-1800



VACUUM ACCESSORY KIT NO. 49-90-1800 Accessories for general cleanup applications. Kit consists of 1 each of the following: 49-90-1765, wand; 49-90-1770, crevice tool; 49-90-1775, 6" nozzle; 49-90-1785, 14" squeegee shoe; 49-90-1790, 14" rug shoe; 49-90-1780, master nozzle.



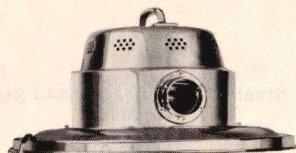
HEAVY-DUTY VACUUM CLEANER ACCESSORIES

MOTOR HEADS AND DRUM ADAPTER ASSEMBLY



1 MOTOR HEAD ONLY NO. 8940

The same powerful Motor Head as furnished with Model 8911 with 30' of cord. Requires use of 16" dia. Conversion Pan for wet pickup. Wire Frame Filter Cage, Cloth Filter and Gasket assembly and 16" Dacron Filter Bag required for dry pickup. Order these and all other accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 14 lbs., Shipping weight 15 lbs.



MOTOR HEAD ONLY NO. 8945

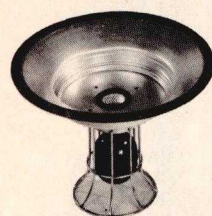
More powerful motor head adapts to all 16" diameter, 9 gallon units and larger for extra-duty applications. Same as furnished with models 8912, 8917 and 8925. Maximum air flow is 110 Cu. Ft./Min. with sealed suction water lift of 105". Unit comes with a 30' cord and requires the use of 16" diameter conversion pan for wet pickup. Wire frame filter cage, cloth filter, and gasket assembly and 16" dacron filter bag required for dry pickup. Order these and all accessories separately. Unit includes a swivel end connector, No. 49-90-0150. Net weight 15 lbs., Shipping weight 17 lbs.

2 DRUM ADAPTER NO. 49-90-1590

Fits your 55 gal. drum. Gasket secures tightly to drum when vacuum is in operation. Adaptable to Motor Head 8940 and 8945 and those on Nos. 8911, 8912, 8917, 8925, previous models 8916, 8921 and 8925. Use 16" dia. accessories. Net weight 10 lbs., Shipping weight 11 lbs.

3 DOLLY NO. 49-90-1100

For 55 gal. drum. Sturdy steel construction with 4 wheels and long hinged handle. Drum easily tips off or on. Net weight 43 lbs., Shipping weight 45 lbs.



16" DIA.
CONVERSION
PAN
REQUIRED FOR
WET PICK-UP
NO. 49-90-1610



16" DIA. WIRE FRAME FILTER
CAGE, CLOTH FILTER AND
GASKET ASSEMBLY
REQUIRED FOR
DRY PICK-UP

NO. 49-90-0270
WIRE FRAME FILTER CAGE 16 DIA.
NO. 49-90-0260
CLOTH FILTER AND GASKET 16 DIA.



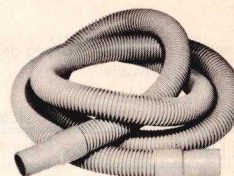
DACRON FILTER
REQUIRED FOR
DRY PICK-UP
NO. 49-90-0320
Fits over 16" Dia.
Cloth Filter
Assembly

VACUUM HOSES — CONNECTORS — ACCESSORIES



CANVAS HOSE 10' NO. 49-90-0020

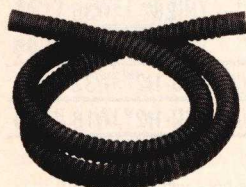
Canvas covered, wire reinforced, rubber lined vacuum hose, 1-1/2" ID. Two straight molded cuff ends. Order swivel-end connector separately. *



WIRELESS VINYL HOSE

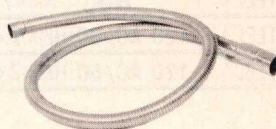
NO. 49-90-0090 7'
NO. 49-90-0060 10'
NO. 49-90-0070 25'

Crushproof multi-flex hose with no wire reinforcement. 1-1/2" ID with two molded cuff ends. Order swivel-end connector or hose adapter separately. *



BLACK CANVAS HOSE 10' NO. 49-90-0030

Canvas covered, wire reinforced, rubber lined vacuum hose. Strong resilient, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately. *



METAL HOSE 6' NO. 49-90-0080

For cleaning boiler tubes and furnaces. 1-1/4" OD fits into standard 1-1/2" ID hoses.

BLACK NEOPRENE HOSE

NO. 49-90-0040 15'
NO. 49-90-0050 25'

Neoprene lined, oil resistant, wire reinforced, 1-1/2" ID with two straight molded cuff ends. Order swivel-end connector separately. *

SWIVEL-END CONNECTOR *

NO. 49-90-0150

Quick connect/disconnect feature for attaching hoses to MILWAUKEE vacuum cleaners, except Model 8950 and 8955. Fits into 1-1/2" ID hoses. Same as furnished with each unit.

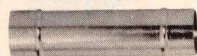


* One swivel-end connector is furnished as standard equipment with vacuum cleaners 8911, 8912, 8917, 8925, 8931, 8935, 8937 and 8965 and motor heads 8940 and 8945.

STEEL HOSE CONNECTOR

NO. 49-90-0195

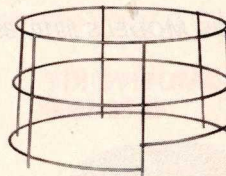
Used to connect 1-1/2" hoses.



HOSE ADAPTER

NO. 49-90-0155

Adapts 1-1/2" ID hose to Model 8950 and 8955. Same as furnished with each unit.

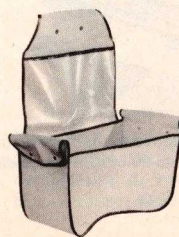


HOSE CARRIER *

NO. 49-90-0170 FOR 14" TANKS
NO. 49-90-0180 FOR 16" TANKS

Ideal for neat safe storage of vacuum hoses. Makes moving from one location to another easier.

* NOTE: Hose Carriers will not fit No. 8950 or No. 8955 Vacuum Cleaners.



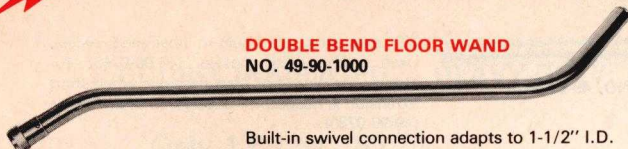
CANVAS STORE-ALL TOOL POUCH NO. 49-90-0250

For Models 8911, 8912, 8917, 8921 and 8925. Strong durable vinyl covered canvas pouch... makes toting extra tools easy.



HEAVY-DUTY VACUUM CLEANER ACCESSORIES

DOUBLE BEND FLOOR WAND
NO. 49-90-1000



Built-in swivel connection adapts to 1-1/2" I.D. hose, with compression fitting that accommodates all floor tools. Made of chrome-plated steel.

MAJOR FLOOR TOOL NO. 49-90-0550



Major Floor Tool with two "quick turn" thumb screws for quick tool changing. Accommodates interchangeable 14" and 20" inserts and replacements. Supplied with 49-90-0610 bumper.

14" REPLACEMENT BUMPER FOR MAJOR FLOOR TOOL NO. 49-90-0610



14" BRISTLE SHOD SHOE
NO. 49-90-0560



For Major Floor Tool. For rough floors, large wall and ceiling areas.

14" REPLACEMENT BRUSH STRIPS (2) NO. 49-90-0630

14" SQUEEGEE SHOE NO. 49-90-0580



Use with Major Floor Tool. For fast drying of washed floors.

14" REPLACEMENT SQUEEGEE BLADES (4) NO. 49-90-0640

14" CARPET INSERT NO. 49-90-0600



For Major Floor Tool. Bottom plate perfectly designed for cleaning rugs, carpeting.

14" FABRIC SHOD ATTACHMENT SHOE
NO. 49-90-0570



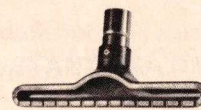
Use with Major Floor Tool. Suited for cleaning cement and concrete floors.

14" REPLACEMENT FABRIC STRIPS (2) NO. 49-90-0620

14" FELT SHOD ATTACHMENT SHOE
NO. 49-90-0590

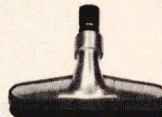


Use with Major Floor Tool. For walls and smooth hard floors such as tile, hardwood.



WIDE MOUTH GULPER
NO. 49-90-0540

Ideal for use on bare floors or rugs. 12" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



NYLON BRISTLE BRUSH
NO. 49-90-0760

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



HORSE HAIR BRUSH
NO. 49-90-0750

Heavy-duty cast aluminum, wide mouth nozzle. 10" cleaning path. Compression Type, fits on Double Bend Floor Wand No. 49-90-1000.



PLASTIC BUMPER
NO. 49-90-0720

Replacement for horse hair and nylon bristle brushes.

**NOTE: ACCESSORIES LISTED BELOW
FIT ONLY TWO PIECE FLOOR
WAND OR FIT DIRECTLY
ON 1-1/2" I.D. HOSE**

**TWO PIECE
DOUBLE BEND
FLOOR WAND**
NO. 49-90-1765



Two piece construction for easy storage. Made of chrome-plated steel. Adapts to all MILWAUKEE 1-1/2" I.D. hose. Compression fit connector accommodates Master Nozzle No. 49-90-1780.

14" MASTER NOZZLE NO. 49-90-1780



Economical, high impact, durable plastic construction. Master Nozzle with snap lock feature for use with rug shoe and squeegee shoe listed below.

14" RUG SHOE NO. 49-90-1790



For use with Master Nozzle No. 49-90-1780. Ideal for cleaning rugs and carpets.

14" SQUEEGEE SHOE NO. 49-90-1785



For use with Master Nozzle No. 49-90-1780. For fast drying of wet floors.

6" UTILITY NOZZLE NO. 49-90-1775



Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.

CREVICE TOOL
NO. 49-90-1770



Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices. Fits 1-1/2" I.D. hose.



HEAVY-DUTY VACUUM CLEANER ACCESSORIES

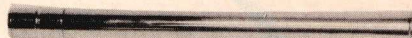
NOTE: 20" EXTENSION RECOMMENDED FOR USE WITH UTILITY NOZZLE AND ROUND DUST BRUSH. (UTILITY NOZZLE AND ROUND DUST BRUSH MAY ALSO BE CONNECTED DIRECTLY TO ANY 1-1/2" I.D. HOSE.)

ALUMINUM 6" UTILITY NOZZLE NO. 49-90-0740

Taper fit utility and upholstery nozzle. Fits 1-1/2" I.D. hose. 6" cleaning path.

CLAMP-ON NYLON BRISTLE BRUSH WITH BUMPER NO. 49-90-0480

Attach directly to utility nozzle.



20" EXTENSION NO. 49-90-0510



20" extension with built-in hose end swivel. Used with utility nozzle (49-90-0740) for automotive cleaning. Also desirable when short extension is needed for dust brush attachments (49-90-0730).

3" ROUND DUST BRUSH NO. 49-90-0730

3" round dust brush with nylon bristles. Fits 1-1/2" I.D. hose.

REPLACEMENT BRUSH INSERT NO. 49-90-0660

Replacement for round dust brush.

FILTERS, FILTER CAGES CONVERSION PANS FOR VACUUM CLEANER NOS. 8911, 8912, 8917, 8925, 8931, 8935, 8937 and 8965



WIRE FRAME FILTER CAGE, CLOTH FILTER AND GASKET ASSEMBLY

Available for both 14" and 16" dia. tanks. The filter assembly acts as a final filter for air leaving tank. To achieve the best possible results, the cloth filter gasket and wire frame must be maintained. Any wear holes or gasket leaks will allow dust and debris to blow through exhaust ports.

NO. 49-90-0290

Wire Frame Filter Cage 14" Dia.

NO. 49-90-0270

Wire Frame Filter Cage 16" Dia.

NO. 49-90-0280

Cloth Filter and Gasket 14" Dia.

NO. 49-90-0260

Cloth Filter and Gasket 16" Dia.



WET PICK-UP CONVERSION PANS*

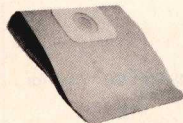
NO. 49-90-1620

Wet Pick-Up Conversion Pan 14" Dia. (Standard on Model 8935, 8937)

NO. 49-90-1610

Wet Pick-Up Conversion Pan 16" Dia. (Standard on Models 8911, 8912, 8917 and 8925)

* NOT FOR USE ON MODEL NO. 8931 AND 8965 OR PREVIOUS MODEL NO. 8921.



DISPOSABLE PAPER FILTER BAGS

Flame-resistant paper filter bags.*

NO. 49-90-0311 (5 pack)

FOR 14" DIA. VACUUM CLEANER

* Vac NO. 8965 uses

Bag NO. 49-90-0301.

NO. 49-90-0301 (5 pack)

FOR 16" DIA. VACUUM CLEANER

NO. 49-90-0350 (5 pack)

FOR 16" DIA. VACUUM CLEANER

NO. 8925 ONLY.

DISPOSABLE PAPER FILTER BAGS NO. 49-90-0331 (5 pack)

Fits all 14" and 16" Vacuum Cleaners, quick and easy to install on vacuum tank. Ideally suited for use when vacuuming extremely fine dust directly into vacuum tank.

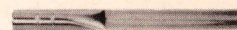
DACRON FILTER NO. 49-90-0320

Fits 14" and 16" dia. tanks. The dacron bag is suited for pick-up of medium fine dust as well as coarse sharp material. To be used without paper filter bags. Fits over cloth filter assembly.



27" METAL CREVICE TOOL NO. 49-90-0410

For cleaning behind radiators, other hard to reach corners and crevices.



15" METAL CREVICE TOOL NO. 49-90-0400

Fits 1-1/2" I.D. hose

DURABLE PLASTIC CREVICE TOOL NO. 49-90-1770



Economical, high impact, durable plastic construction. Ideal for cleaning around equipment, behind radiators, hard to reach corners and crevices.



DURABLE PLASTIC 6" UTILITY NOZZLE NO. 49-90-1775

Economical, high impact, durable plastic construction. Fits 1-1/2" I.D. hose for upholstery cleaning and other small jobs.



RUBBER BLOWER NOZZLE NO. 49-90-0460

For blowing dust and dirt out of cracks and inaccessible areas. Excellent for machinery.

FILTERS FOR VACUUM CLEANER NOS. 8950, 8955 AND 8965 ONLY



CLOTH FILTER ASSEMBLY NO. 49-90-0285

For 8950 and 8955.

NO. 49-90-0280

For 8965.



FOAM FILTER SLEEVE NO. 49-90-0770

Motor Filter for 8950 and 8955.

NO. 49-90-1820

For 8965.

NEW CARTRIDGE FILTER NO. 49-90-1830

For 8950 and 8955.



HEAVY-DUTY HEAT GUNS

UNLIMITED USES: USE WHEREVER PORTABLE, FLAMELESS HEAT IS REQUIRED

• DOUBLE INSULATED • HEAVY-DUTY: UNIQUE IMPACT RESISTANT HEATING ELEMENT

LIGHTWEIGHT: Only 1.6 Lbs. (8975)
1.6 Lbs. (8977)

EFFICIENT SOFT AIR VELOCITY

The soft air velocity of MILWAUKEE Heat Guns increases the surface temperature to the required working temperature much faster than conventional hot air heat guns. It also maintains a higher surface temperature, allowing faster completion of any standard commercial or industrial applications.

APPLICATIONS:

Softens, Molds, Bends, and Forms Plastics
Pre-Dries Surfaces for Fast Preparation
Softens Caulking, Putty and Plastics
Strips Paint, Varnish and Lacquer
Repairs Auto Top Vinyl
Thaws Frozen Pipes
Shrink Fits Plastic Tubing
Dries Electric Lines and Cables
Removes Tiles, Floor Covering Materials
Loosens Overtightened Screws and Joints
Plastic Welds, PVC Coated Fabrics and Foils

USERS:

Plumbers, Painters, Floor Covering Installers,
Technicians, Boat Builders, Food Processing,
Industry, Mechanics, Contractors, Body Shops,
Photographers, Schools, Laboratories

SPECIFICATIONS

CATALOG NUMBER	8975	8977
VOLTS	120	120
AMPS	11.6	11.6
AIR VOLUME	14.8 cu. ft./min.	14.8 cu. ft./min.
AIR TEMPERATURES	Low 570° F High 1000° F	212° F to 1000° F
LENGTH (INCHES)	10-1/8	10-1/8
NET WGT. (LBS.)	1.6	1.6
SHIPPING WGT. (LBS.)	2	2

8975

DUAL TEMPERATURE
570° F and 1000° F



3 POSITION SWITCH
Rocker switch for off, high or low.

COOL AIR INLET

Design allows air movement at peak efficiency, even when tool is resting on support stand.

SUPPORT STAND

Enables Heat Gun to be stationary for workbench or assembly work, freeing both hands for use.

**SELECT HEAT GUN
ACCESSORY ASSORTMENT
BELOW FOR REQUIRED
NOZZLES FOR
SPECIAL APPLICATIONS**

8977

VARIABLE TEMPERATURE
212° F to 1000° F



ROCKER SWITCH
For off or on.

Rotate rear housing to select temperature ranges from 212° F to 1000° F.

HEAT GUN ACCESSORY ASSORTMENT

NO. 49-80-0300

Contains one each of accessories shown below



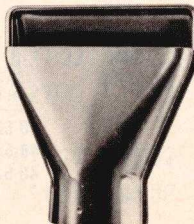
AIR REDUCTION NOZZLE
NO. 49-80-0297

For intensifying heat in specific areas — soldering.



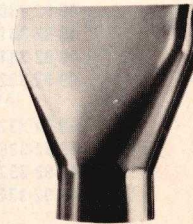
HOOK NOZZLE
NO. 49-80-0292

When heat is needed to surround — bending, soldering pipe, shrinking tubing.



DEFLECTOR NOZZLE
NO. 49-80-0293

Deflects air away from glass when stripping paint or softening putty.



AIR SPREADER NOZZLE
NO. 49-80-0294

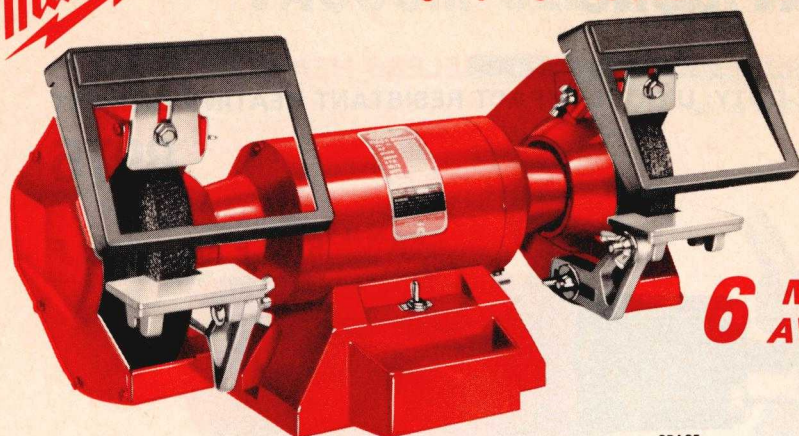
Intensifies heat for removing floor coverings, paint burning, vinyl top removal.

MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



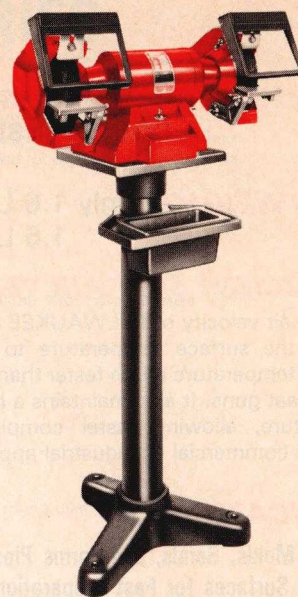
HEAVY-DUTY BENCH GRINDERS

6 • 7 • 8 • 10 INCH WHEEL SIZES



ALL BALL BEARINGS

6 MODELS AVAILABLE



CATALOG NUMBER	NEMA RATED H.P.	AMPS	VOLTS	SPEED RPM	WHEEL SIZE	SPINDLE (ARBOR SIZE)	SPACE BETWEEN WHEELS	EYE SHIELDS	SHIP. WGT. (LBS.)
4931	1/3 HP	3.8	115	3450	6"	1/2"	12-1/2"	Lighted	29 lbs.
4935	1/3 HP	3.8	115	3450	6"	1/2"	12-1/2"	Non-Lighted	29 lbs.
4991	1/2 HP	4.0	115	3450	7"	5/8"	15-1/8"	Lighted	41 lbs.
4995	1/2 HP	4.0	115	3450	7"	5/8"	15-1/8"	Non-Lighted	41 lbs.
5051	3/4 HP	4.4	115	3450	8"	3/4"	15-5/8"	Lighted	57 lbs.
5091	1 HP	8.5/4.2	115/230	1725	10"	3/4"	17-3/8"	Lighted	90 lbs.

NOTE: All grinders supplied with eye shields and one coarse and one medium grinding wheel.

GRINDER PEDESTAL

NO. 49-39-0050 Heavy gray iron castings with tubular steel column. Removable water pot. Adaptable to all models. Height 34". Shp. Wt. 54 lbs. Shown with model 4991.

EYE SHIELDS

PLEXIGLASS LENS ONLY

NO. 49-62-0115

Replacement plexiglass lens only for lighted eye shields as supplied with Grinder Numbers 4931, 4991, 5051 and 5091. Order replacement frames separately from the Service Parts List.

PLEXIGLASS LENS FRAME COMBINATION PAIR

NO. 49-62-0120

Replacement units for Grinders without lighted eye shields Numbers 4935 and 4995.

EYE SHIELDS FOR PREVIOUS MODELS 4901, 4921, 4981, 5041 and 5081



PLASTIC EYE SHIELDS NO. 49-62-0100 (Pair)

These protective eye shields were furnished as standard equipment on above MILWAUKEE Bench Grinders. Easily replaced when pitted. Supplied as a pair. Complete with attaching hardware for MILWAUKEE Bench Grinder. Shp. Wt. 1 lb. per pair.



ILLUMINATED EYE SHIELD NO. 49-62-0050

Metal frame holds 4" x 6" glass window...easily replaced when pitted. Long tube bulb eliminates shadow...separate cord with on-off switch operates on 120 Volts AC. Rigid support prevents swiveling. Available for models 4981, 5041 and 5081 only. If pair required specify 2 units. Shp. Wt. 4 lbs. each.



GLASS EYE SHIELDS NO. 49-62-0060 (Pair)

Frame holds 3" x 5" Shatter-Resistant glass. Mounting bracket included. Adaptable to all five previous models. Shp. Wt. 4 lbs. per pair.

WHEELS FOR BENCH GRINDERS

GRINDING WHEELS

1" ARBOR HOLE ON ALL WHEELS

3/4", 5/8", 1/2" BUSHINGS

SUPPLIED WITH EACH GRINDING WHEEL

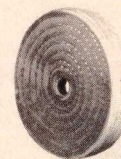
	CATALOG NUMBER	SIZE (IN.)	MAX. WHEEL SPEED
36 GRIT	49-92-3305	6" x 3/4"	4140
	49-92-3310	7" x 1"	3600
	49-92-3315	8" x 1"	3600
	49-92-3320	10" x 1"	2485
60 GRIT	49-92-3325	6" x 3/4"	4140
	49-92-3330	7" x 1"	3600
	49-92-3335	8" x 1"	3600
	49-92-3340	10" x 1"	2485
80 GRIT	49-92-3345	6" x 3/4"	4140
	49-92-3350	7" x 1"	3600
	49-92-3355	8" x 1"	3600
	49-92-3360	10" x 1"	2485

KNOT WIRE BRUSHES



CATALOG NUMBER	SIZE (IN.)	HOLE (DIA.)	WIRE SIZE	MAX. WHEEL SPEED
48-52-2510	6"	1/2"-5/8"	.014	8000
48-52-2710	7"	5/8"-3/4"	.014	5000
48-52-4810	10"	3/4"	.014	4500

CLOTH BUFFING WHEELS



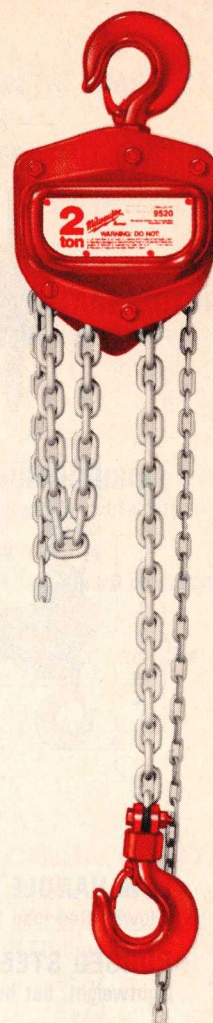
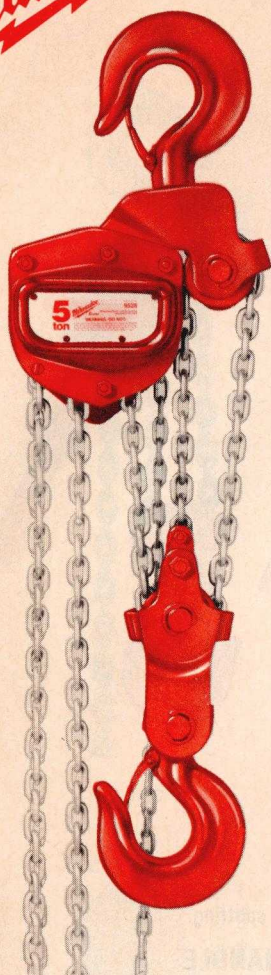
1/4" Width	4 per package	
CATALOG NUMBER	SIZE (IN.)	HOLE DIA.
49-93-0081	6"	1/2"
49-93-0091	6"	5/8"
49-93-0101	7"	5/8"
49-93-0106	8"	3/4"
49-93-0111	10"	3/4"

NEW

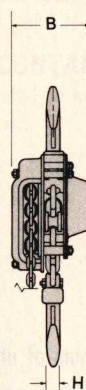
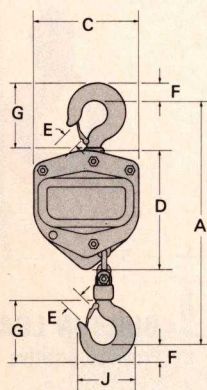
MILWAUKEE ELECTRIC TOOL CORPORATION CERTIFIES THAT THESE TOOLS COMPLY WITH O.S.H.A. REQUIREMENTS



PROFESSIONAL HAND CHAIN HOISTS



- **MECHANICAL LOAD BRAKE**
Provides positive load control and spotting.
- **HEAT-TREATED STEEL SPUR GEARING**
Reduces hand chain pull effort. Makes lifting easier.
- **COMPACT GEAR HOUSINGS**
Allows use where headroom is limited.
- **PERMANENTLY LUBRICATED GEARS AND BEARINGS**
Provide smooth operation and assure long life.
- **THROUGH-HARDENED LOAD CHAIN**
Provides high strength and wear resistance.
- **LATCH-TYPE SWIVEL HOOKS**
Standard on all models.



SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT† (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	F (IN.)	G (IN.)	H (IN.)	J (IN.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	FEET OF CHAIN OVERHAUL TO LIFT 1 FOOT	APPROXIMATE SHIPPING WEIGHT (LBS.)
9500	1/2	10	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	28
9501	1/2	15	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	31
9502	1/2	20	10-1/4	5-5/8	6-5/16	6-1/4	25/32	13/32	3-1/2	23/32	3	76	21	34
9510	1	10	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	34
9511	1	15	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	38
9512	1	20	11-1/2	5-27/32	6-7/8	7	31/32	1-3/16	4-3/64	29/32	3-25/32	75	44-1/2	42
9520	2	10	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1 3/16	4-11/16	90	69	58
9521	2	15	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1-3/16	4-11/16	90	69	65
9522	2	20	15	6-31/32	9-15/32	9-1/2	1-3/16	1-15/32	5	1 3/16	4-11/16	90	69	72
9525	3	10	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	82
9526	3	15	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	91
9527	3	20	17-3/4	7-17/32	10-5/8	11	1-7/16	1-5/8	5-27/32	1-11/32	5-9/16	102	83-1/2	100
9528	5	10	26-3/8	6-7/16	12-7/32	8-1/4	1-11/16	2-7/32	7-11/16	1-25/32	7-1/32	97	170	103
9529	5	20	26-3/8	6-7/16	12-7/32	8-1/4	1-11/16	2-7/32	7-11/16	1-25/32	7-1/32	97	170	117

† Hand chain drop is approximately two feet less than lift.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

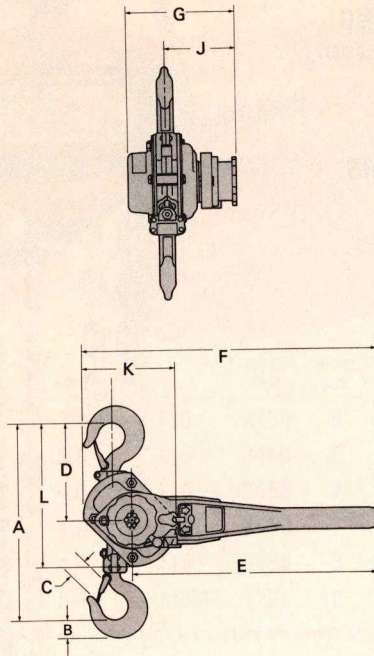
WARNING: MILWAUKEE lifting tools are not to be used for lifting, supporting or transporting people, nor for lifting loads over people.

MILWAUKEE does not cover freight and/or labor for inspection and testing of professional lifting tools (hoists) that are found not to be valid warranties.

Valid warranties must be substantiated by the discovery of defective material and/or workmanship.



PROFESSIONAL LEVER HOISTS



- **LOW HANDLE EFFORT**

Allows rated load to be lifted with minimum of effort.

- **RUGGED STEEL BODY CONSTRUCTION**

Lightweight, but built for years of hard work.

- **LATCH-TYPE SWIVEL HOOK**

Standard on all models.

- **BUILT-IN LOAD BRAKE**

Provides positive load control and spotting.

- **SHORT 360° ROTATING HANDLE**

Permits versatile positioning and excellent maneuverability.

- **FREE CHAIN CONTROL**

Reduces set up time for ease of use.

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFT HEIGHT† (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	F (IN.)	G (IN.)	J (IN.)	K (IN.)	L (IN.)	PULL REQUIRED TO LIFT RATED LOAD (LBS.)	APPROXIMATE SHIPPING WEIGHT (LBS.)
9530	3/4	5	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	19
9531	3/4	10	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	22
9532	3/4	20	11-1/2	61/64	63/64	5-3/4	10-1/4	13-1/8	6-1/8	4-5/32	5-23/32	8-1/4	44	28
9540	1-1/2	5	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	30
9541	1-1/2	10	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	35
9542	1-1/2	20	14-1/4	1-5/16	1-11/32	6-7/8	16-5/32	19-1/4	7-1/4	4-21/32	6-1/2	9-5/8	48	44
9545	3	5	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	50
9546	3	10	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	59
9547	3	20	18-1/2	1-5/8	1-25/32	8-5/8	16-5/32	20-1/4	8-15/32	5-1/8	8-9/32	12-3/4	75	75
9548	6	5	24-7/16	2-9/64	1-57/64	10-1/2	16-5/32	22	8-15/32	5-1/8	10-1/4	14-3/4	82	77
9549	6	20	24-7/16	2-9/64	1-57/64	10-1/2	16-5/32	22	8-15/32	5-1/8	10-1/4	14-3/4	82	128

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

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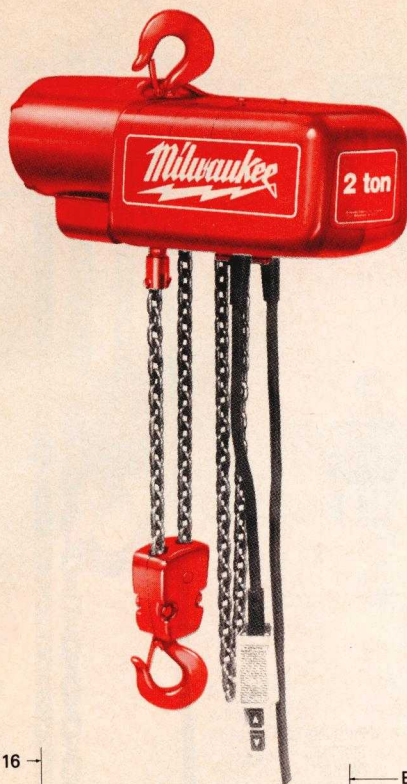
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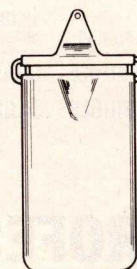
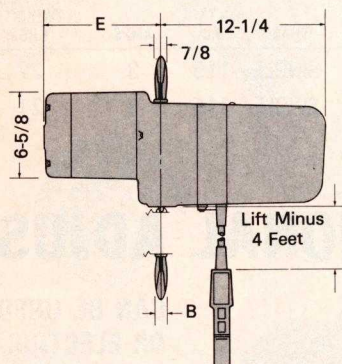
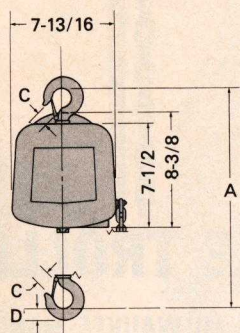


PROFESSIONAL ELECTRIC CHAIN HOISTS

Duty Service Classification—H3, on time up to 25%* of work period.
*3 phase on time up to 33% of work period.



- **BUILT-IN, MULTIPLE-DISC, MAGNETIC BRAKE**
Provides positive load holding and spotting.
- **ADJUSTABLE UPPER AND LOWER LIMIT SWITCHES**
For maximum flexibility in regulating load travel.
- **OVERLOAD LIMITING CLUTCH**
Guards against lifting damaging overloads while operating hoist.
- **SINGLE OR THREE-PHASE DUAL VOLTAGE MOTORS**
Choose between 115/230V and 230/460VAC units to meet your operation's power requirements.
- **LATCH-TYPE SWIVEL HOOKS**
Standard on all models.
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
Corrosion-resistant. Reduced weight allows greater portability.
- **24-VOLT PUSHBUTTON STATION**
Fits user's hand to allow thumb, trigger or two-handed operation.
- **CHAIN CONTAINERS AVAILABLE**
Recommended to keep surplus chain out of the work area. See chart below.



CHAIN CONTAINERS

ELECTRIC CHAIN HOIST CATALOG NUMBER	CHAIN CONTAINER CATALOG NUMBER
9560 thru 9571	48-12-0111
9572	48-12-0112
9573	48-12-0113

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT [†] (FT.)	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	H.P.	PHASE	VOLTAGE (AC)	AMPS AT LOW VOLTAGE	REEVING	APPROX. SHIPPING WEIGHT (LBS.)
9560	1/2	16	10	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	79
9561	1/2	16	15	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	85
9562	1/2	16	20	18	3/4	1	1	9	1/2	SINGLE	115/230	9.8	SINGLE	103
9565	1	16	10	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	94
9566	1	16	10	18	3/4	1	1	8-5/8	1	THREE	230/460	3.3	SINGLE	94
9567	1	16	15	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	97
9568	1	16	20	18	3/4	1	1	10-1/2	1	SINGLE	115/230	16.0	SINGLE	103
9570	2	8	10	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	103
9571	2	8	10	22	7/8	1-1/8	1-1/8	8-5/8	1	THREE	230/460	3.3	DOUBLE	103
9572	2	8	15	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	110
9573	2	8	20	22	7/8	1-1/8	1-1/8	10-1/2	1	SINGLE	115/230	16.0	DOUBLE	118

[†] Pushbutton cable length: four feet less than lift.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

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Valid warranties must be substantiated by the discovery of defective material and/or workmanship.



PROFESSIONAL ELECTRIC HOISTS

2 LIGHTWEIGHT MODELS—STANDARD 10 FT. LIFT

— VALUE PACKED FEATURES —

- **UPPER AND LOWER LIMIT SWITCH**
Regulates overall load travel.
- **LATCH-TYPE SWIVEL HOOK**
- **ALL BALL BEARING MOTORS**
- **RUGGED, LIGHTWEIGHT ALUMINUM HOUSING**
For greater portability.
- **FOR APPLICATIONS NOT EXCEEDING 10% ON TIME PER HOUR**

9550 — 500 LB. ELECTRIC CHAIN HOIST

- **BUILT-IN DISC BRAKE**
Provides positive holding and spotting.
- **CHAIN CONTAINER AVAILABLE**
Recommended to keep surplus chain out of the work area.

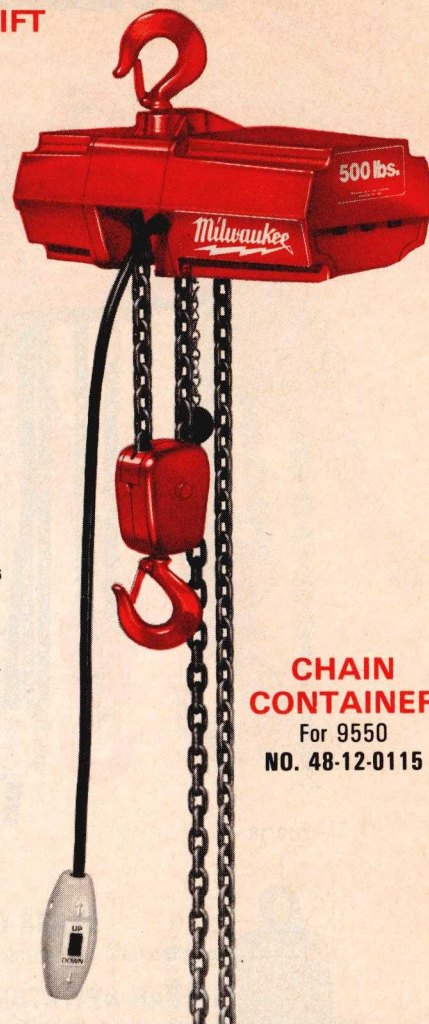
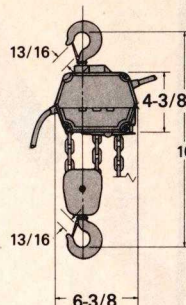
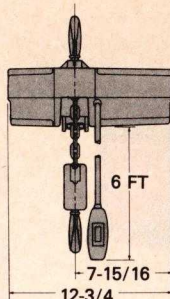
9555 — 500 LB. ELECTRIC CABLE HOIST

- **UPPER LIMIT SWITCH**
Regulates upward load travel.
- **1/8" STEEL CABLE**

SPECIFICATIONS

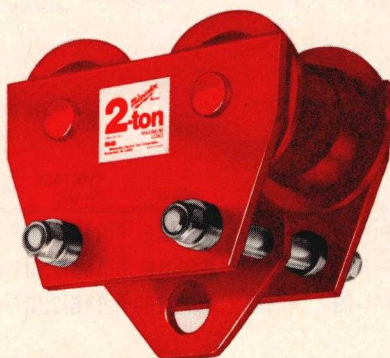
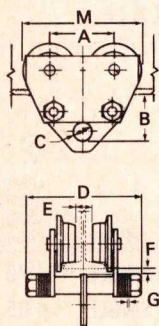
CATALOG NUMBER	RATED LOAD (TON)	LIFTING SPEED (FT./MIN.)	LIFT HEIGHT † (FT.)	REEVING	LIFTING MEDIUM	H.P.	PHASE	VOLTAGE (AC)	AMPS	APPROXIMATE SHIPPING WEIGHT (LBS.)
9550	1/4	8	10	DOUBLE	CHAIN	1/6	SINGLE	115	3	27
9555	1/4	10	10	DOUBLE	CABLE	1/6	SINGLE	115	3	21

† Pushbutton cable length: four feet less than lift.



CHAIN CONTAINER
For 9550
NO. 48-12-0115

PROFESSIONAL ADJUSTABLE TROLLEYS



- **CAN BE USED WITH ANY MILWAUKEE MANUAL OR ELECTRIC HOIST**
Provides flexibility for a wide range of material handling applications.
- **FULLY ADJUSTABLE**
Fits most standard and wide-flange I-beams.
- **PRECISION WHEELS**
Roll heavy loads with ease.
- **PERMANENTLY SEALED PRECISION BALL BEARINGS**
Prelubricated sealed bearings for long life and reduced maintenance.

SPECIFICATIONS

CATALOG NUMBER	RATED LOAD (TON)	I-BEAM HEIGHT † (IN.-LB./FT.)	I-BEAM WIDTH (INS.)	MINIMUM RADIUS (INS.)	WHEEL TREAD DIAMETER (INS.)	CLEARANCE DIMENSIONS								APPROXIMATE SHIPPING WEIGHT (LBS.)
						A (INS.)	B* (INS.)	C (INS.)	D (INS.)	E* (INS.)	F* (INS.)	G (INS.)	M (INS.)	
9610	1/2	4"-10#	2.66-4.66	36	2-1/4	4.13	3.42	1.26	8.31	.87	.58	.13	7.68	14
9620	1	5"-12#	3.00-5.00	48	2-3/4	4.57	3.47	1.38	8.74	1.35	.50	.13	8.70	23
9640	2	6"-18#	3.33-6.00	60	4-3/8	6.30	4.65	1.77	10.47	.97	.60	.13	12.13	52
9660	3	8"-20#	4.00-6.25	60	4-1/4	6.31	4.62	2.20	11.41	1.56	.75	.18	12.05	60
9665	5	10"-24#	4.66-7.00	60	4-3/8	6.77	5.41	2.56	13.98	1.66	.89	.18	12.95	96

† American Standard I-beam.

* Dimensions based on minimum size I-beam.

MILWAUKEE lifting tools meet the design and test requirements of all existing OSHA and ANSI Standards for Overhead Hoists.

WARNING: MILWAUKEE lifting tools are not to be used for lifting, supporting or transporting people, nor for lifting loads over people.

MILWAUKEE does not cover freight and/or labor for inspection and testing of professional lifting tools (hoists) that are found not to be valid warranties.

Valid warranties must be substantiated by the discovery of defective material and/or workmanship.



Milwaukee

POWER AND PERFORMANCE FOR THE PROFESSIONAL

MILWAUKEE Electric tools are the number one "best" choice of more professionals than any other heavy-duty tool on the market today.* The reason can be summed up in a few words. Top quality. Value. Performance. Long life.

MILWAUKEE tools are made to last...to stand up day after day - year after year. The preferred choice of the pros.

* Brand Recognition and Preference Surveys.

STEELHAWG™

PERMANENT MAGNET METAL BORING SYSTEM



Litho in U.S.A.